

MANUAL DEXTERITY TEST GRADING CRITERIA

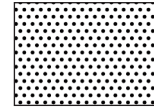
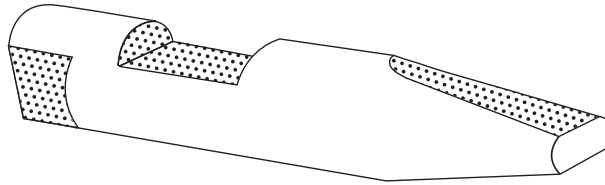
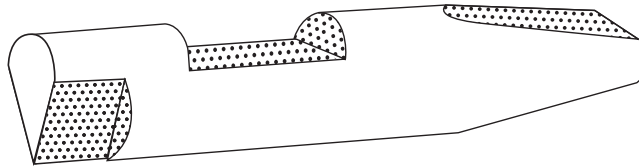
		Raw Score	Evaluation of measurements	Evaluation of planes longitudinal/transverse	Evaluation of angles external and internal	Evaluation of symmetry and orientation longitudinal/transverse
CORRECT PATTERN	COMPLETE	Score high	Any measurement error is ≤ 0.5 mm	All planes flat and smooth	All angles sharp and accurate	No noticeable error in symmetry or orientation of parts
		Score mid	Any measurement error is > 0.5 mm and ≤ 1.0 mm	Any plane with slight curvature or slight roughness	Any angle with slight lack of sharpness or slight lack of accuracy	Slight error in symmetry or orientation of parts
		Score low	Any measurement error is > 1.0 mm and ≤ 1.5 mm	Any plane with obvious curvature or obvious roughness	Any angle with obvious lack of sharpness or obvious lack of accuracy	Obvious error in symmetry or orientation of parts
		Score zero	Any measurement error is > 1.5 mm	Any plane with severe curvature or severe roughness	Any angle with severe lack of sharpness or severe lack of accuracy	Severe error in symmetry or orientation of parts
	INCOMPLETE	Score high	0	2/3 complete and all planes flat and smooth	2/3 complete and all angles are sharp and accurate	0
		Score mid	0	2/3 complete and any plane with slight curvature or slight roughness	2/3 complete and any angle with slight lack of sharpness or slight lack of accuracy	0
		Score low	0	2/3 complete and any plane with obvious curvature or obvious roughness	2/3 complete and any angle with obvious lack of sharpness or obvious lack of accuracy	0
		Score zero	0	$< 2/3$ complete or any plan with severe curvature or severe roughness	$< 2/3$ complete or any angle with severe lack of sharpness or accuracy	0
INCORRECT PATTERN *	COMPLETE	Score high	0	2/3 correct and all planes flat and smooth	2/3 correct and all angles sharp and accurate	2/3 correct and no noticeable error in symmetry or orientation of parts
		Score mid	0	2/3 correct and any plane with slight curvature or slight roughness	2/3 correct and one or more angles with slight lack of sharpness or slight lack of accuracy	2/3 correct and slight error in symmetry or orientation of parts
		Score low	0	2/3 correct and any plane with obvious curvature or obvious roughness	2/3 correct and one or more angles with obvious lack of sharpness or obvious lack of accuracy	2/3 correct and obvious error in symmetry or orientation of parts
		Score zero	0	$< 2/3$ correct or any plane with severe curvature or severe roughness	$< 2/3$ correct or one or more angles with severe lack of sharpness or severe lack of accuracy	$< 2/3$ correct or severe error in symmetry or orientation of parts

*An automatic deduction will be applied to the incorrect pattern grade with a minimum grade of 0

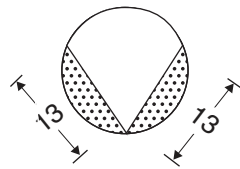
An incorrect pattern is defined as a pattern where the candidate has completed all three elements but one or more of the carved elements does not correspond to the required test.

An incomplete pattern is defined as a carving in which one or more of the three elements has not been completed.

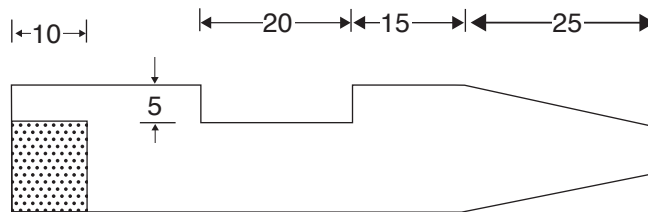
MANUAL DEXTERITY TEST PATTERNS



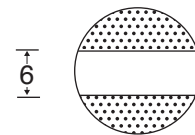
Shaded area denotes cut surface.



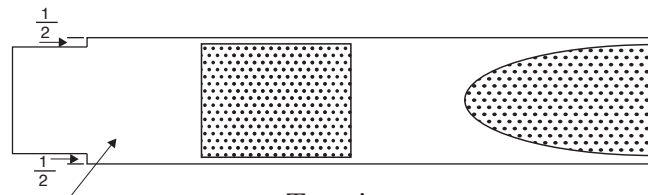
Left end view



Side view



Right end view



Unmeasured section

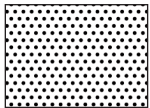
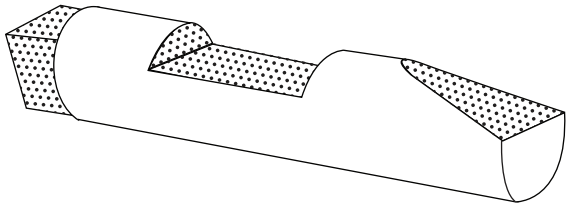
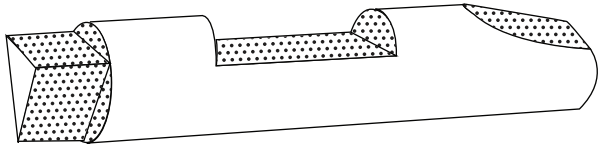
Top view



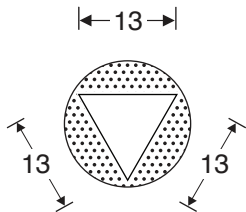
Bottom view

All measurements shown in millimetres

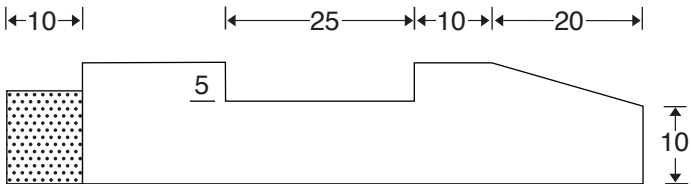
MANUAL DEXTERITY TEST PATTERNS



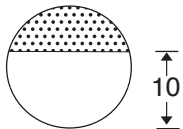
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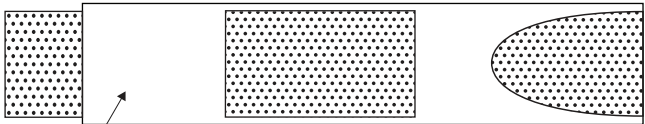
Left
end view



Side view



Right
end view



Top view

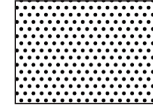
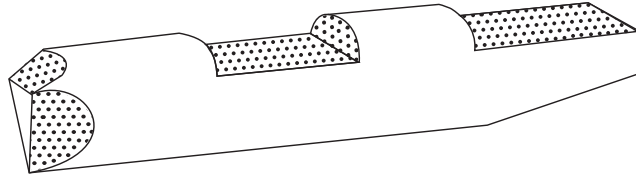
Unmeasured section



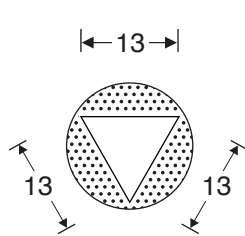
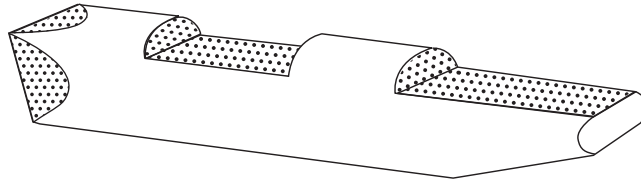
Bottom view

All measurements shown in millimetres

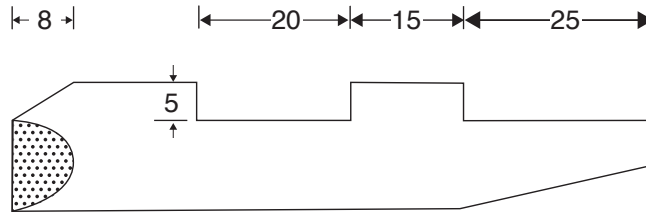
MANUAL DEXTERITY TEST PATTERNS



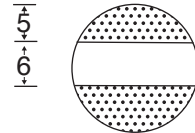
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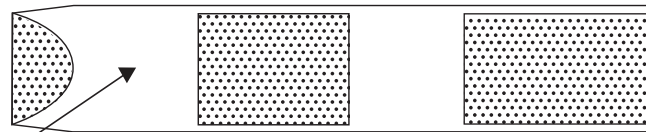
Left
end view



Side view



Right
end view



Unmeasured section

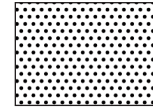
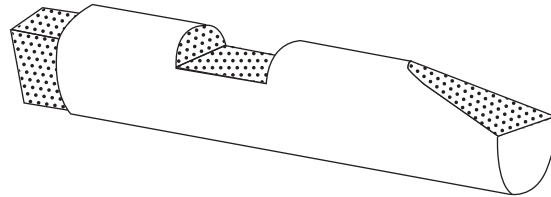
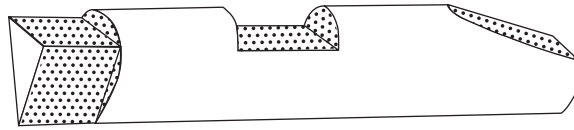
Top view



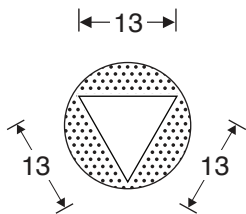
Bottom view

All measurements shown in millimeters

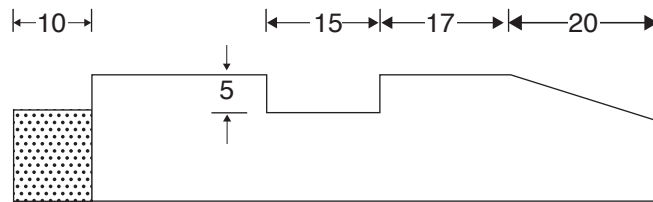
MANUAL DEXTERITY TEST PATTERNS



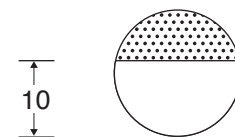
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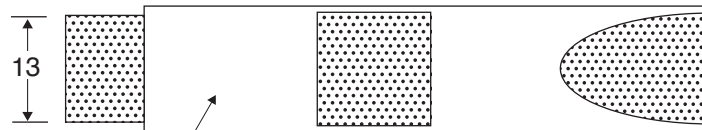
Left
end view



Side view

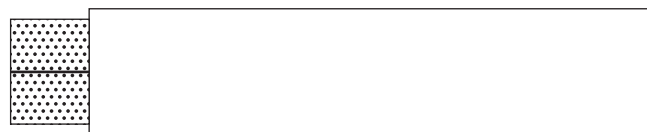


Right
end view



Top view

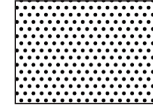
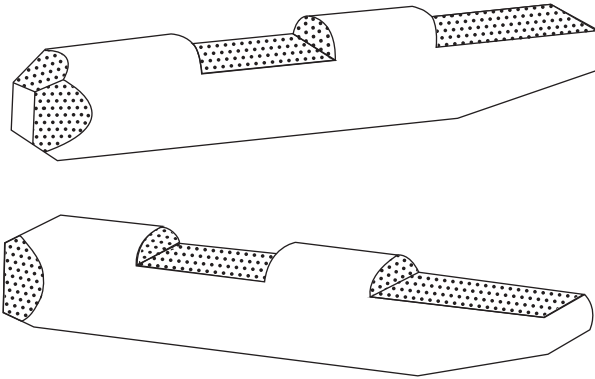
Unmeasured section



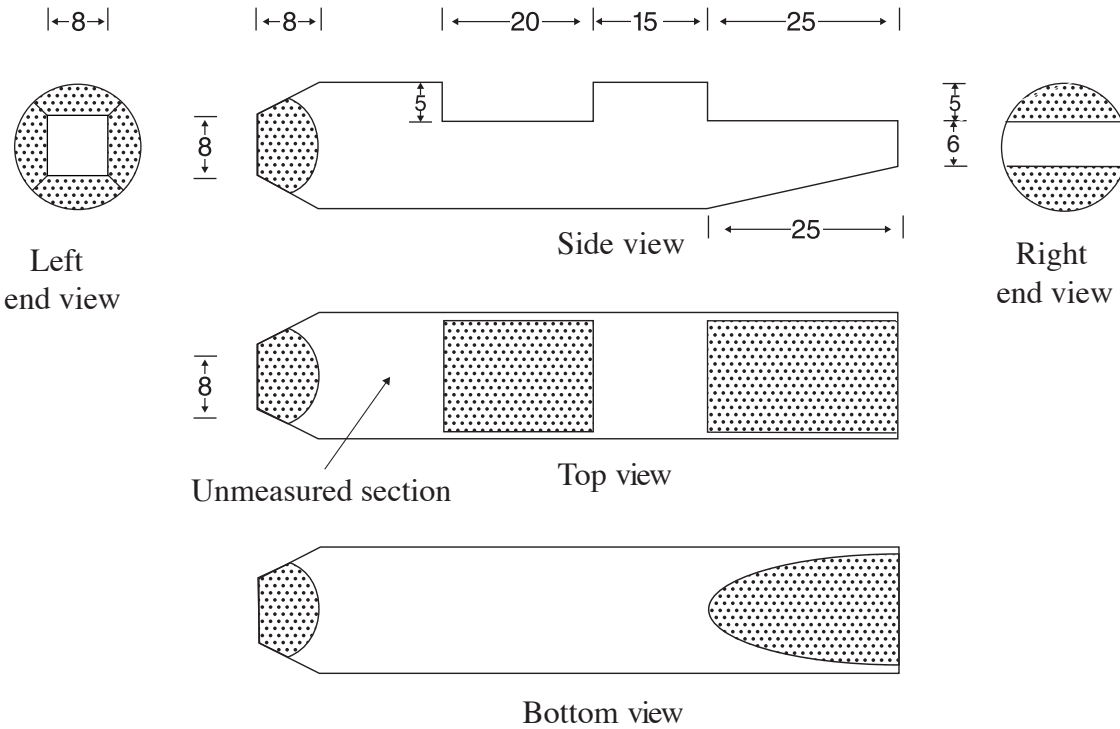
Bottom view

All measurements shown in millimetres

MANUAL DEXTERITY TEST PATTERNS

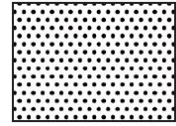
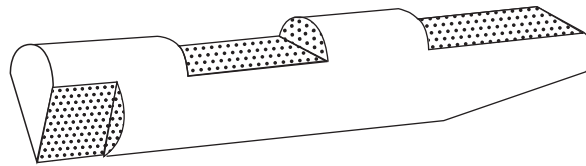


Shaded area denotes cut surface.

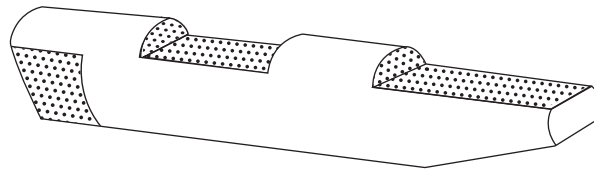


All measurements shown in millimetres

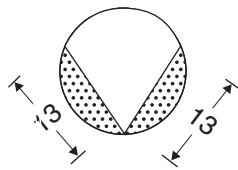
MANUAL DEXTERITY TEST PATTERNS



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cut surface.



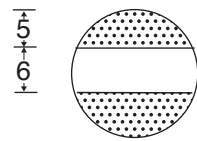
←10→ ←20→ ←15→ ←25→



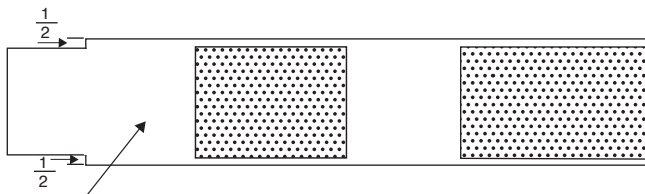
Left
end view



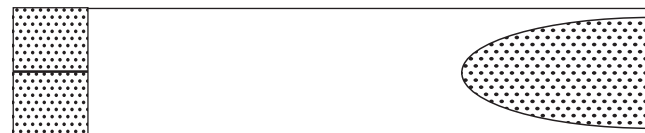
Side view



Right
end view



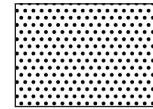
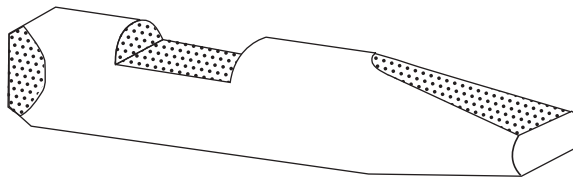
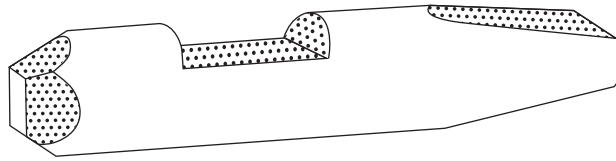
Unmeasured section Top view



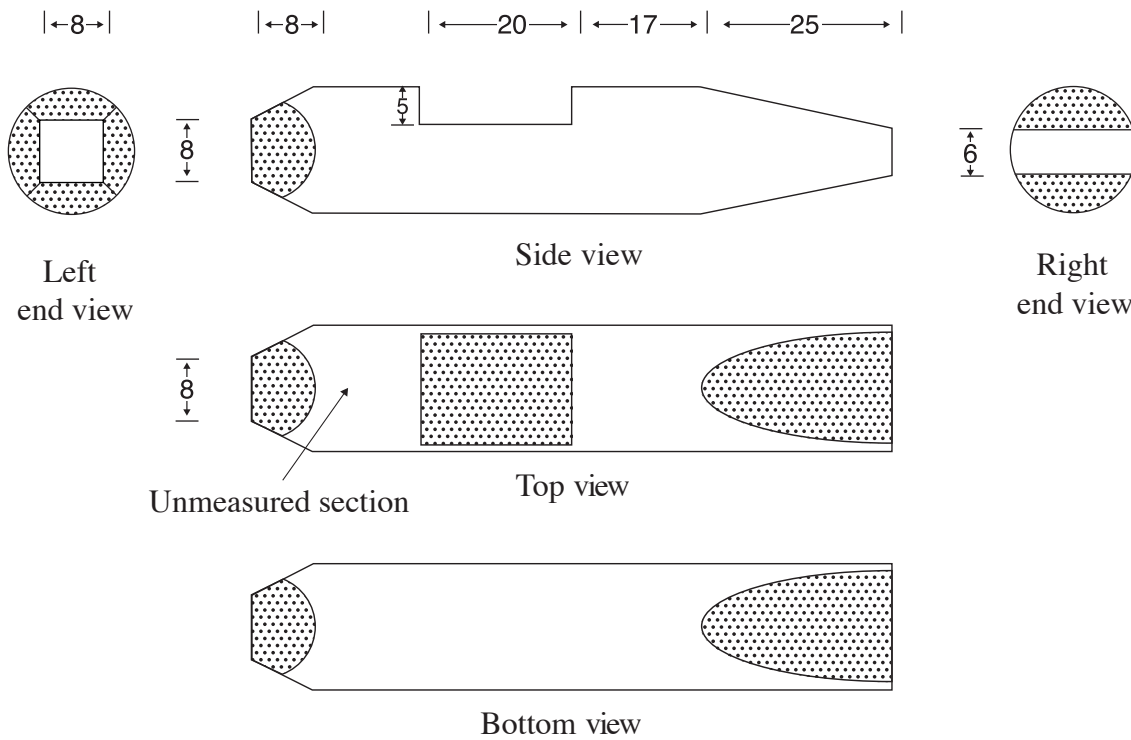
Bottom view

All measurements shown in millimetres

MANUAL DEXTERITY TEST PATTERNS

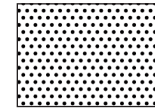
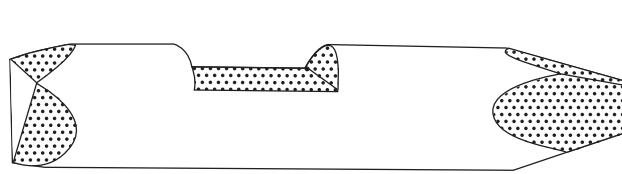


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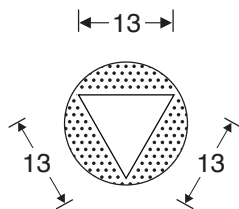
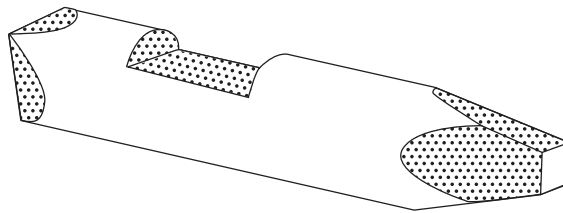


All measurements shown in millimetres

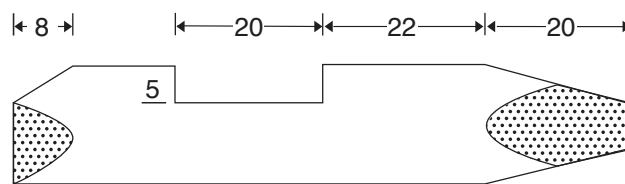
MANUAL DEXTERITY TEST PATTERNS



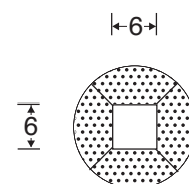
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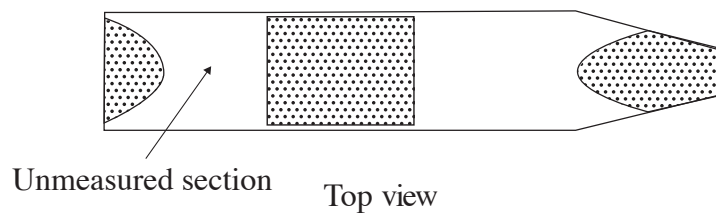
Left
end view



Side view



Right
end view



Top view



Bottom view

All measurements shown in millimetres