

KES

Painting Advance Drawing
Estimation Standard

KES S – S141B

(EST.) 1988 – 10 – 02
(REV.) 1989 – 09 – 01
(REV.) 1991 – 03 – 02

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1. Scope of Application
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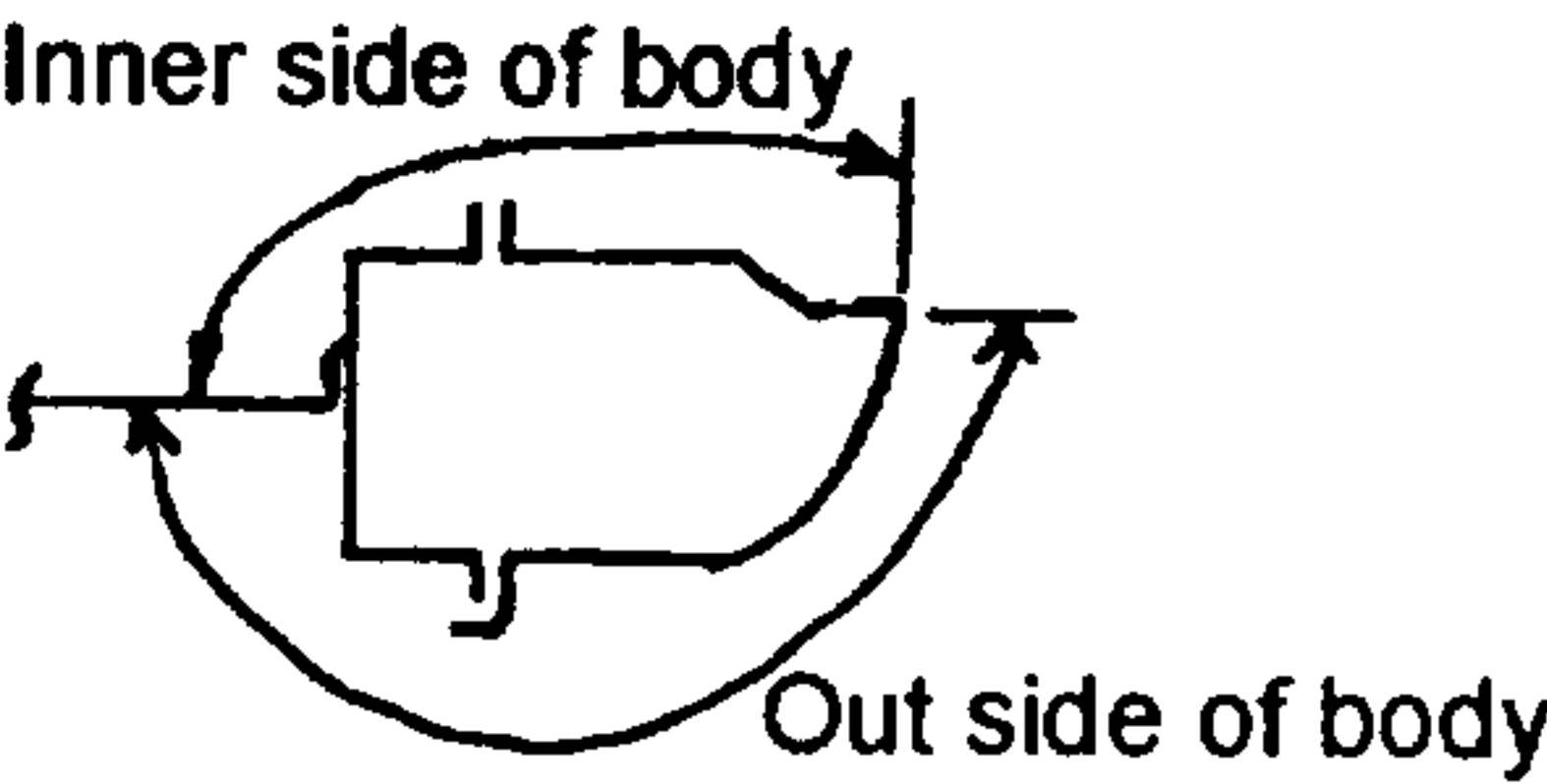
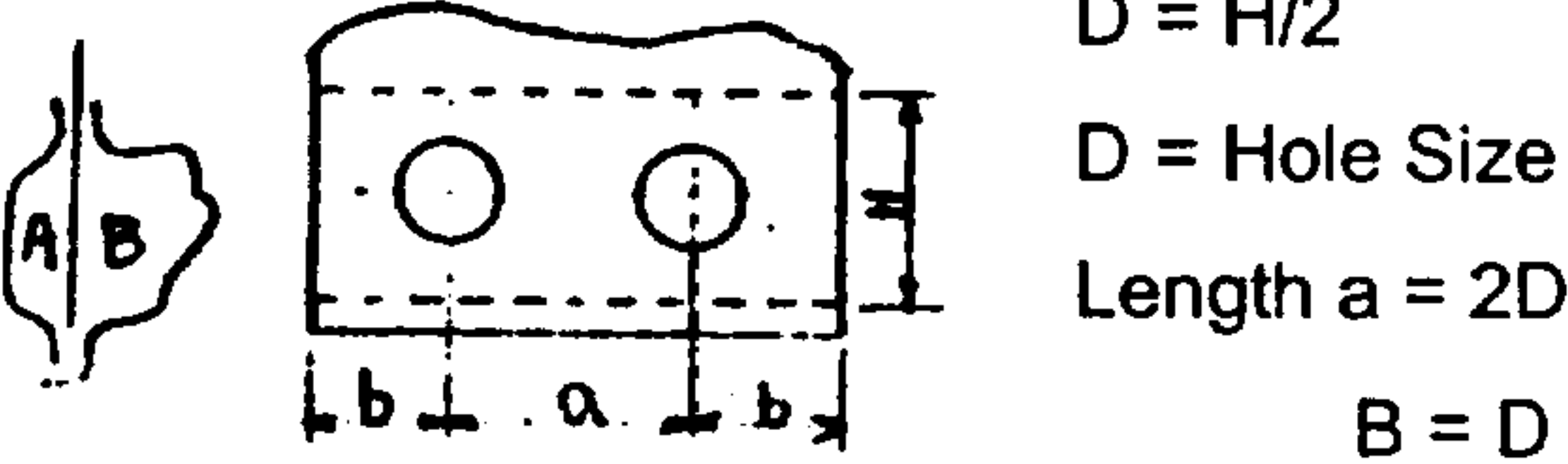
1. Scope of application

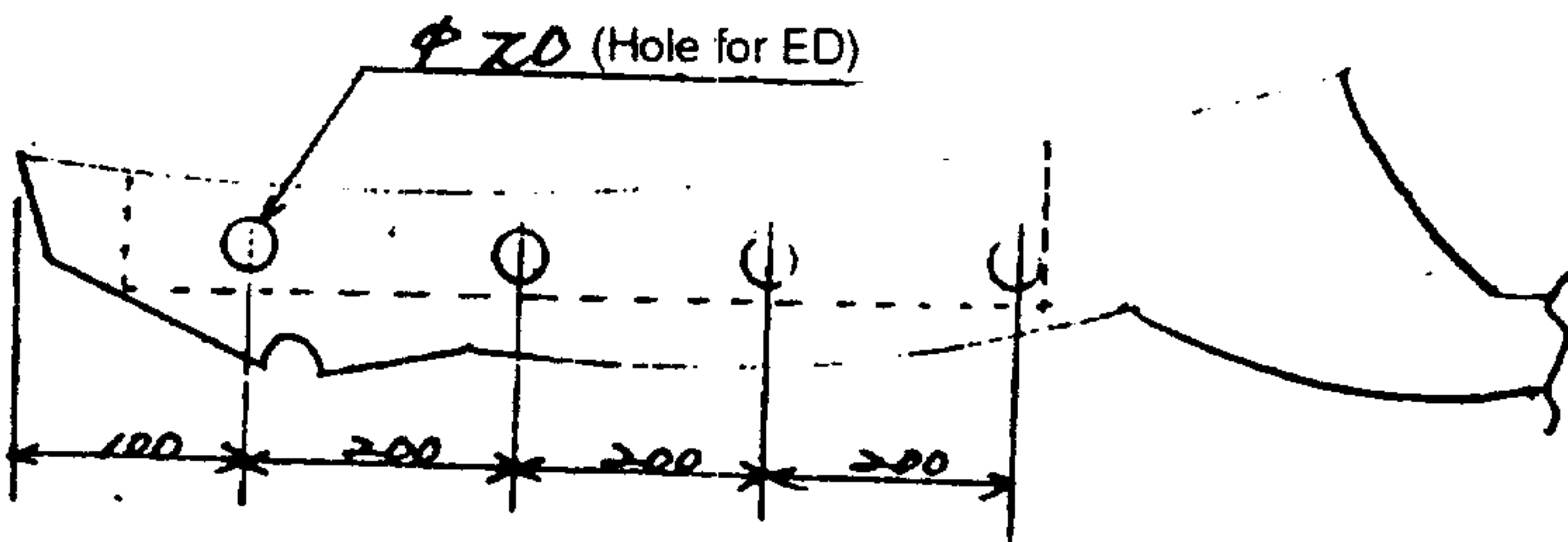
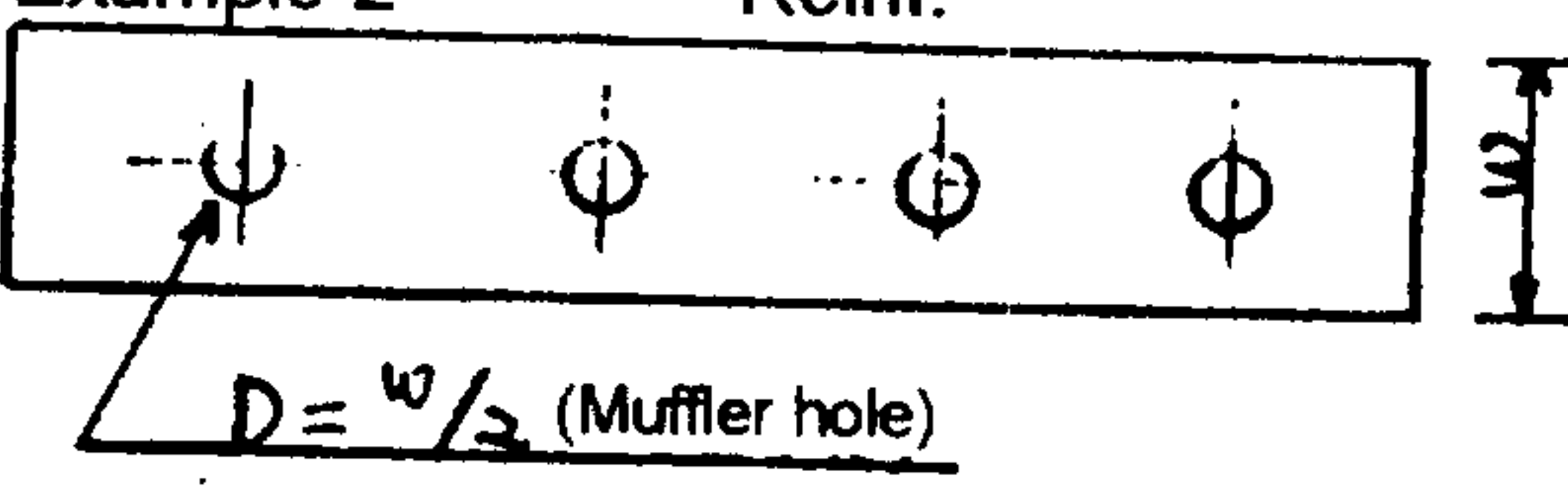
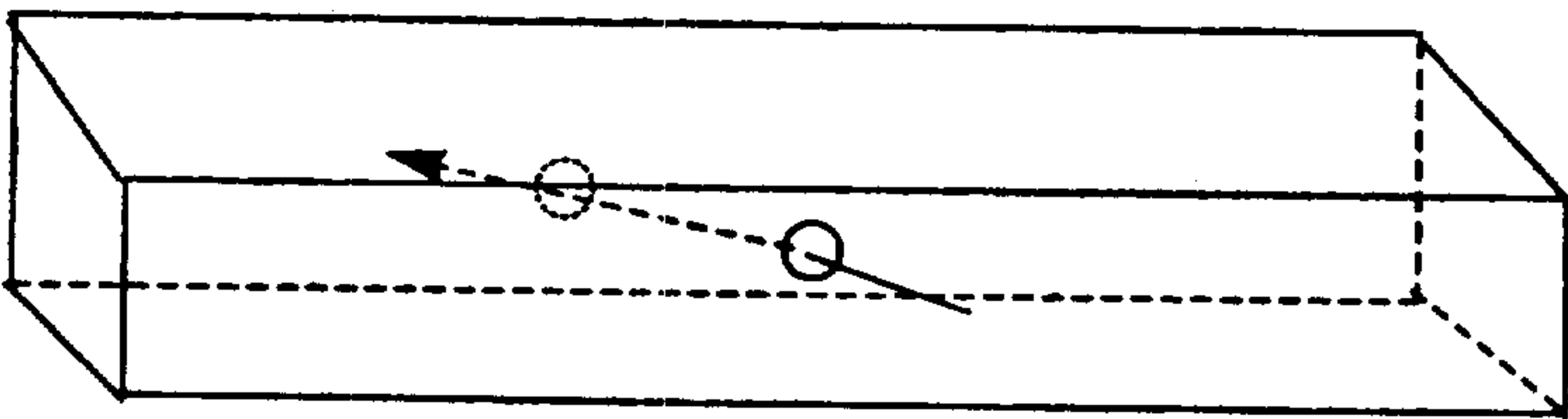
This standard shall apply painting property evaluation about advance drawing when developing KIA new vehicle.

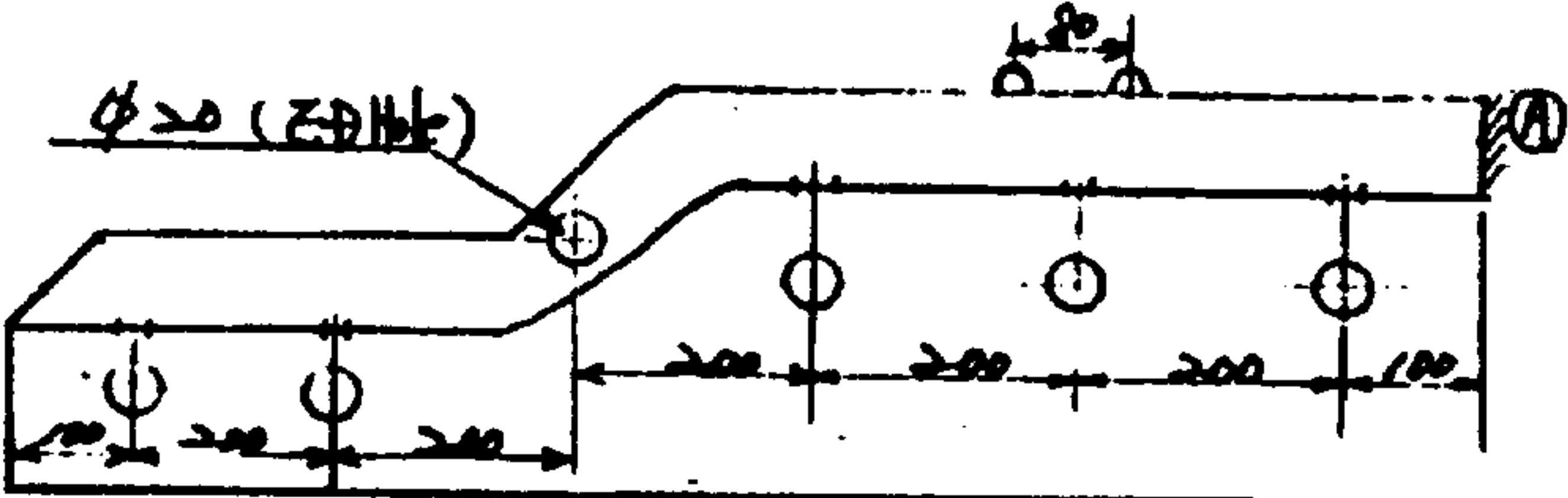
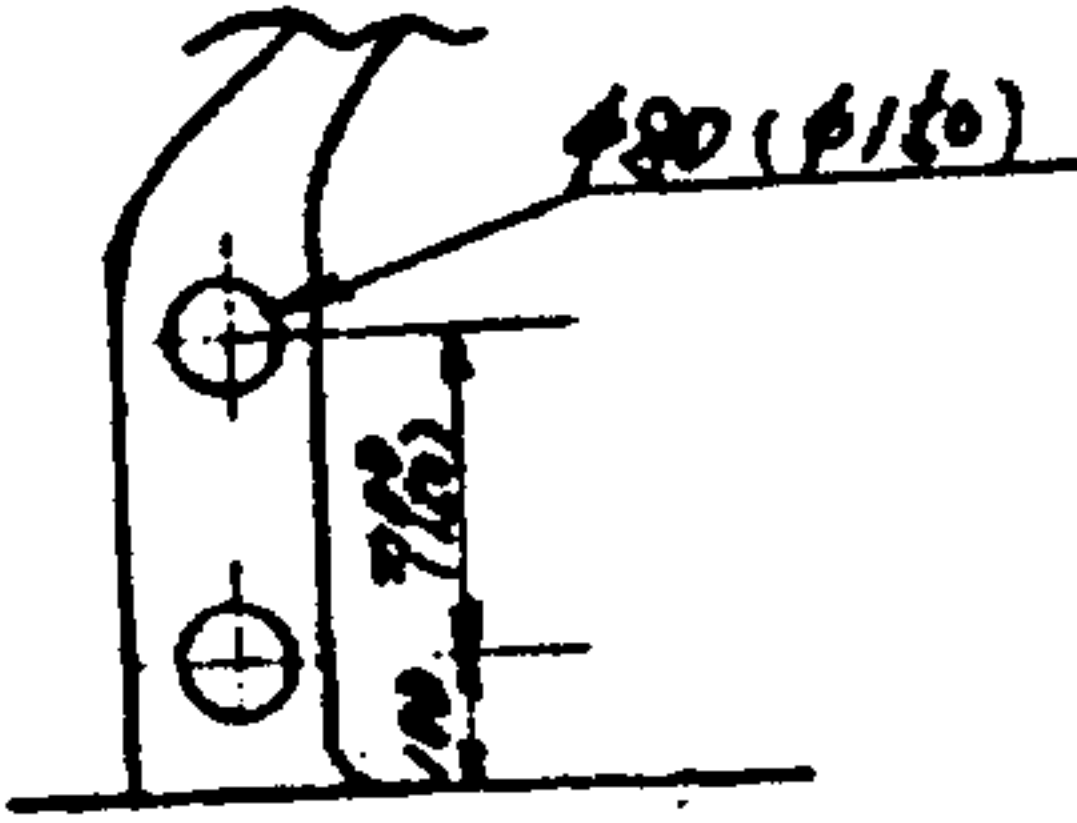
2. Evaluation item

2.1 Electronic deposition coat

2.1.1 Evaluation part and standard

Part	Evaluation standard
Side seal	<p>(1) Evaluate whether arrangement of hole is set within pitch of maximum 200m/m.</p> <p>(2) Evaluate whether the foregoing part and the latter part of hole are set within $\frac{1}{2}$ of (1) (100m/m).</p> <p>(3) Evaluate whether size of hole is set by ϕ 30 of the inside body and ϕ 20 of the outside body.</p> <p>Example 1</p> <div></div> <p>(4) Evaluate whether hole is set by circular hole.</p> <p>(5) If the inner structure has another construction, evaluate whether this case is set to the same standard of the example.</p> <p>Example 2</p> <div></div>

Part	Evaluation standard
Front frame	<div>(1) Evaluate whether arrangement of hole is set within pitch of maximum 200m/m.</div> <div>(2) Evaluate whether hole size is set by ϕ 20.</div> <div>(3) In case of separation of inner structure from reinforcement etc., confirm and evaluate whether hole is set at the each block, and evaluate the inner hole is created that each reinforcement becomes hole of more than 1/2 of width.</div> <div>Example 1</div> <div></div> <div><div>Example 2</div><div>Reinf.</div><div></div></div> <div>(4) Evaluate whether hole of symmetrical whole structure is set by 2- ϕ15.</div> <div>Example 1</div> <div></div>

Part	Evaluation standard
Rear frame	<div><div>(1) Evaluate whether the side and the base side are set by pitch of $\phi 20 \times 200\text{m/m}$.</div><div>(2) In case of creating at the floor face, evaluate that size of hole is set by $\phi 30$, in case of $\phi 20$, evaluate whether pitch is set by 150m/m.</div><div><div>· In case of penetrating frame at the lateral cutting face- $2EA \times 80\text{m/m}$ pitch</div><div>· It is an interval in a straight line as penetrating frame $3EA \times 80\text{m/m}$ pitch</div></div><div><div>Example 1</div><div></div><div>It is O.K. to 200m/m when face of A is open all over the surface.</div></div></div>
"A" Pillar	<div><div>(1) Evaluate whether hole is set as following example 1 at the pillar inner face.</div><div><div>Example 1</div><div></div><div><div>A Within $\phi \times 150$ pitch</div><div>B Within $\phi \times 200$ pitch</div></div></div></div> <div><div>(2) Hinge reinforcement is to flow well electric in the up and down direction, and evaluate whether penetrate hole is set with example 1.</div></div>