

18,10,2004

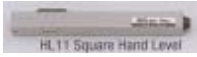
## LISAVARUSTUS


### Plumb bobs


Part number  
**HXA20040** Description  
**Plumb bob (200g)**


Part number  
**HXA20063** Description  
**Plumb bob (100g)**


### Hand Levels


Part number  
**HXE20050**  Description  
**HL11 Square Hand Level with case (Product of Kanazashi Co., Japan)**  
Telescope length - 150mm


Part number  
**HXE20051**  Description  
**HL19A Hand Level with case (Product of Kanazashi Co., Japan)**  
Telescope length - 150mm

Part number  
**HXE20052**  Description  
**HL19B Hand Level with case (Product of Kanazashi Co., Japan)**  
Telescope length - 150mm  
Magnification - 2X

Part number  
**HXE20042**  Description  
**HL20 Square Hand Level with case (Product of Kanazashi Co., Japan)**  
Telescope length - 130mm

Part number  
**HXE20043**  Description  
**HL21 Hand Level with case (Product of Kanazashi Co., Japan)**  
Telescope length - 130mm

Part number  
**HXE20044**  Description  
**HL22 Hand Level 5X with lens and case (Product of Kanazashi Co., Japan)**  
Telescope length - 200mm  
Magnification - 5X  
Degree/percent - 90degree/100%

Part number  
**HXE20045**  Description  
**HL23 Topographic Hand Level (Product of Kanazashi Co., Japan)**  
with interchangeable arcs and case  
Telescope length - 165mm  
Degree/percent - 60degree/100%  
Topographic - 100%

Part number  
**HXE20046**  Description  
**HL24 Abney Hand Level with case (Product of Kanazashi Co., Japan)**  
Telescope length - 130mm  
Degree/percent - 90degree/100%  
Vernier reading - 10'

Part number  
**HXE20047**  Description  
**HL25 Abney Hand Level with case (Product of Kanazashi Co., Japan)**  
Telescope length - 170mm

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Degree/percent - 90degree/100%  
Vernier reading - 10'

Part number

**HXE20048**



Description

**HL26 Abney Hand Level 5X (Product of Kanazashi Co.,, Japan)**

with lens and case

Telescope length - 200mm

Degree/percent - 90degree/100%

Vernier reading - 10'

Magnification - 5X

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## LISAVARUSTUS

### Clinometers

Part number  
**HXE20053**

Description

**Clinometer Model CL27 Metal Frame (Product of Kanazashi Co., Japan)**  
with inclination mirror,  
compass and casePart number  
**HXE20054**

Description

**Clinometer Model CL28 Metal Frame (Product of Kanazashi Co., Japan)**  
with compass and case

### Brunton's compass

Part number  
**HXE20209**

Description

**BRUNTON'S COMPASS MODEL BR-1 (Product of Kanazashi Co., Japan)**

### Optical squares

Part number  
**HXE20041**

Description

**Optical Square Type W (Product of Kanazashi Co., Japan)**

### Akud

Part number  
**HHH01000**

Description

**On-Board Ni-Cd Battery Type BY-2**  
for EDM ND-20/21/26/NE-1/NTD SeriesPart number  
**HQJ200AB**

Description

**Battery Charger Type Q-8B set (220/240V)**  
consisting of :  
HQJ20000 Q-8B Battery Charger  
for recharging BC-2 Battery,  
HHK35000 Power Cord Type E (220/240V)

### Power Supply Cords

Part number  
**HHK35000**

Description

**Power Cord Type E (220/240V)**  
1,8m long to connect AC220/240V power  
outlet and Battery Charger Q-8 or Q-12A

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Part number

**HHK00100**

Description

**External Battery Cord Type G**

2m long, for connecting Old External  
Battery HHH02100 and DTM-1/5/20, NTD-4,  
ND-26/21F/20F

Part number

**HQK11000**

Description

**Bifurcated External Battery Cord Type H**

For combined operation of DTM-1/5/20,  
NTD-4, ND-26/21F/20F and DR-2  
For connecting Old External Battery  
HHH02100 and DTM-1/5/20, NTD-4, ND-26/  
21F/20F and DR-2 simultaneously,

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**LISAVARUSTUS**Part number  
**HHK02200**Description  
**External Battery Cord Type L**  
2,0m long, for connecting DTM-1/5/20 and External  
Battery B3,Part number  
**HHK31000**Description  
**Car Battery Cord Type W**  
1,8m long with alligator clips, Not for DTM-5/20Part number  
**HHK32000**Description  
**Car Battery Cord Type S**  
1,8m long, with car cigarette lighter plug, Not for DTM-5/20**Screwdrivers**Part number  
**HXA20095**Description  
**Screwdriver for Theodolite****Adjusting Pin**Part number  
**HXA20315**Description  
**Adjusting Pin (2 pcs,)****Lens hood**Part number  
**HXA20093**Description  
**Lens hood (plastic)**  
for all types of theodolite  
except NT-1 SeriesPart number  
**HXA20179**Description  
**Lens Hood (Plastic)**  
for AS/AS-CPart number  
**HXA20177**Description  
**Lens Hood (Plastic)**  
for AP-5/AZ-1/AZ-1S (142HB-3)Part number  
**HXA20172**Description  
**Lens Hood (Plastic)**  
for AE-5 Series (122HB-3)**Lens caps**Part number  
**HXA20163**Description  
**Lens Cap (Rubber)**  
for all types of Theodolites  
except NT-1 Series,  
ND-21/ND-20 and AS/AE-5 Series

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**LISAVARUSTUS**

Part number

**HXA20164**

Description

**Lens Cap (Rubber)**

for AP-5/AZ-1S/AZ-1/NT-1 Series

Part number

**HXA20300**

Description

**Lens cap (rubber)**for DTM-1/5/20 and for old DTM-A  
with 46mm inside diameter on the lens frame

Part number

**HXA20510**

Description

**Lens Cap (plastic snap-on)**for DTM-700/new DTM-A/C-100/D-50,  
New DTM-A has 52mm inside diameter on lens food,

## LISAVARUSTUS

### Plastic tool cases

Part number <b>HXA20094</b>	Description <b>Plastic Tool Case for Theodolite</b>
Part number <b>HXA20062</b>	Description <b>Plastic tool case for AS/AE-5 Series</b>

### Shoulder straps for carrying case

Part number <b>HXA20301</b>	Description <b>Shoulder strap</b> for NTD Series & DTM-1 plastic carrying case
Part number <b>HXA20184</b>	Description <b>Shoulder Strap for HGU10000</b> for AP-5/AZ-1/AZ-1S plastic carrying case
Part number <b>HXA20056</b>	Description <b>Shoulder strap</b> plastic carrying case
Part number <b>HXA20432</b>	Description <b>Shoulder Strap</b> for NE-20S plastic carrying case
Part number <b>HXA20515</b>	Description <b>Shoulder strap</b> for DTM-310/300/C-100/D-50/NE-10 Series Carrying Case
Part number <b>HXA20621</b>	Description <b>Shoulder strap for DTM-310 plastic carrying case</b> for DTM-310 plastic carrying case
Part number <b>HXA20643</b>	Description <b>Shoulder strap type 2M for DTM-350/330</b> for DTM-350/330, DTM-352/332 plastic carrying case
Part number <b>HXA20644</b>	Description <b>Shoulder strap for DTM-502/501/NPL-821/350 plastic carrying case</b> for DTM-501/502/NPL plastic carrying case Note: 2 shoulder straps are required for one DTM-501/NPL case