

# information about the Series 40

# general information about the Series 40

## features of the series 40

### construction

- improved pressure point and touch by an optimally angled  
see: "dimensions of the keyboard"
- BDO – Norm (oktav-width 165,2mm)
- minimally height of the keyboard

### service

- easy access to all key-details
- the keyboard can be opened in two different ways
- universal attaching with screws
- universal customer-coded programmable connector
- connector is easy available
- connection on the back or on the bottom of the keyboard frame
- several keyboards can be plugged with one power- and data cable (26pol. flat cable)
- horizontal key-adjustment (the distance between two keys) possible with eccentric pin

### noise-reduction

- specially cushioned on the way back of the keys (already used in series 31'1)

### quality

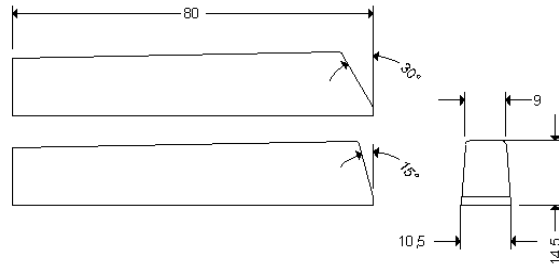
- reliable functionality
- excellent finishing of the keys
- employment of high-quality materials

## special features of the UHT - keyboards

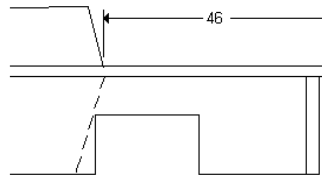
- wooden keyboard with gravity and pressure point simulation
  - o the playing weight and playing depth are adjustable
  - o the pressure point strength and pressure point position are adjustable
  
- standard models and custom manufacture from drawings
  - o multi-manual manufacture as keyboard set
  
- stable aluminium frame
  - o light, non-magnetic, but electrical shielding, customer-friendly assembly option
  
- each key is balanced individually according to the customer's specification
  
- magnetic pressure point
  - o the arrangement utilises the principle that like poles repel
  - o no mechanical stresses
  - o the anisotropic hard-ferrit magnets used retain their power - long-term
  
- plug-in contact connectors
  - o customer-coded connectors
  - o 8 x 8 matrix, (L or H activ), every plug-configuration possible
  - o 5V power supply connector, plug-in or soldered
  
- electromagnetic contacts
  - o HALL – effect switches with non-mechanical, permanent magnetig excitaion
  - o debounced contacts
  - o contacts and magnets have a long service life
  - o no mechanical stress
  
- easy assembly
  - o several keyboards can be assembled with UHT - mounting plates
  
- customer-specific adjustments
  - o all parameters, which are relevant can be adjusted according to customer request

**standard forms of the UHT keyboards in accordance with BDO-norm \***

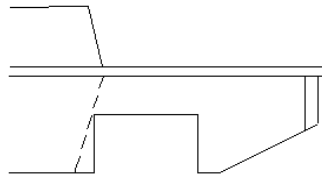
- sharps



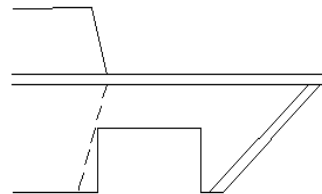
- naturals front A



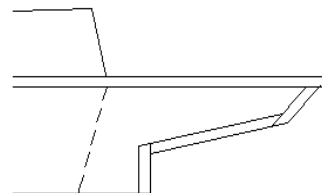
- naturals front A/2



- naturals front B

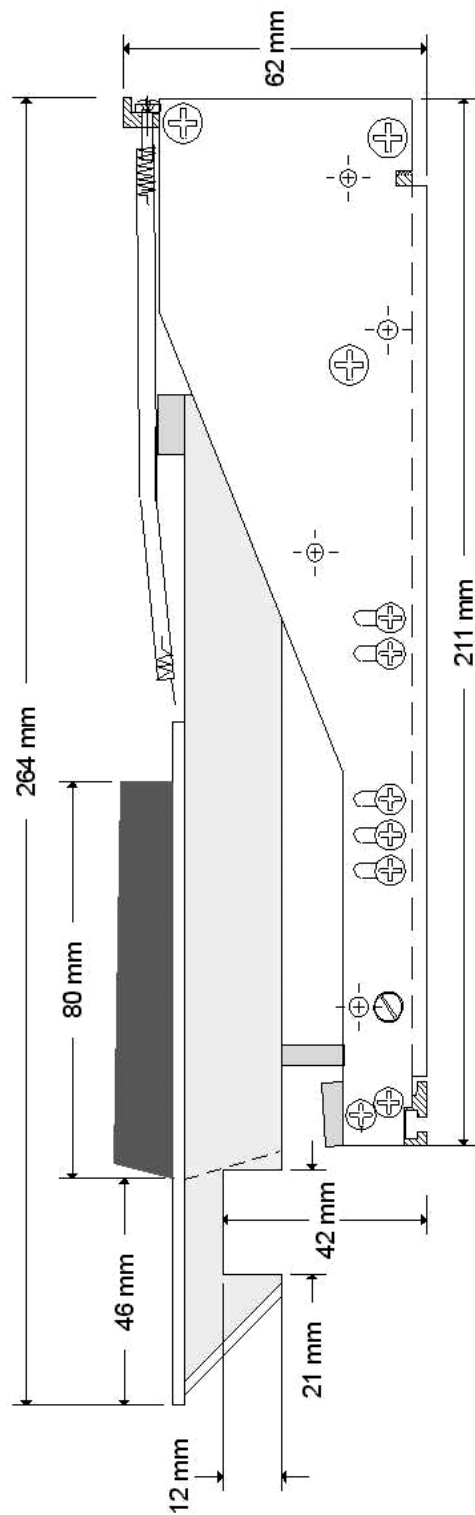


- naturals front E



\*other forms on enquiry

dimensions in accordance with BDO - norm



## Tastenbelagsvariationen

type	naturals	sharps	sharps overlay	fronts
1301	Grenadilla	Maple		Grenadilla
1341	Grenadilla	Maple	Bone	Grenadilla
1361	Grenadilla	Maple	Acryl	Grenadilla
13M1	Grenadilla	Maple	Mineral	Grenadilla
1701	Grenadilla	Pear		Grenadilla
1741	Grenadilla	Pear	Bone	Grenadilla
1761	Grenadilla	Pear	Acryl	Grenadilla
17M1	Grenadilla	Pear	Mineral	Grenadilla
1801	Grenadilla	Box		Grenadilla
1E01	Grenadilla	Eiche		Grenadilla
1N01	Grenadilla	Walnut		Grenadilla
2242	Ebony	Ebony	Bone	Ebony
2262	Ebony	Ebony	Acryl	Ebony
22M2	Ebony	Ebony	Mineral	Ebony
2302	Ebony	Maple		Ebony
2342	Ebony	Maple	Bone	Ebony
2362	Ebony	Maple	Acryl	Ebony
23M2	Ebony	Maple	Mineral	Ebony
2702	Ebony	Pear		Ebony
2742	Ebony	Pear	Bone	Ebony
2762	Ebony	Pear	Acryl	Ebony
27M2	Ebony	Pear	Mineral	Ebony
2802	Ebony	Box		Ebony
2E02	Ebony	Eiche		Ebony
2N02	Ebony	Walnut		Ebony
3103	Maple	Grenadilla		Maple
3101	Maple	Grenadilla		Grenadilla
3203	Maple	Ebony		Maple
3202	Maple	Ebony		Ebony
3R03	Maple	Rosewood		Maple
4202	Bone *)	Ebony		Ebony
4204	Bone *)	Ebony		Bone
420M	Bone *)	Ebony		Mineral
4242	Bone *)	Ebony	Bone	Ebony
4704	Bone *)	Pear		Bone
4E04	Bone *)	Eiche		Bone
4N04	Bone *)	Walnut		Bone
4R04	Bone *)	Rosewood		Bone
4R0R	Bone *)	Rosewood		Rosewood
6206	Acryl	Ebony		Acryl
6202	Acryl	Ebony		Ebony
7107	Pear	Grenadilla		Pear
7R07	Pear	Rosewood		Pear
8208	Box	Ebony		Box
8R08	Box	Rosewood		Box
9209	Plum	Ebony		Plum
9R09	Plum	Rosewood		Plum

... continuation

type	naturals	sharps	sharps overlay	fronts
K10K	Cherry	Grenadilla		Cherry
K101	Cherry	Grenadilla		Grenadilla
K14K	Cherry	Grenadilla	Bone	Cherry
K16K	Cherry	Grenadilla	Acryl	Cherry
K1MK	Cherry	Grenadilla	Mineral	Cherry
K20K	Cherry	Ebony		Cherry
KR0K	Cherry	Rosewood		Cherry
KR4K	Cherry	Rosewood	Bone	Cherry
KR6K	Cherry	Rosewood	Acryl	Cherry
KRMK	Cherry	Rosewood	Mineral	Cherry
L10L	Serviceberry	Grenadilla		Serviceberry
LR0R	Serviceberry	Rosewood		Rosewood
M10M	Mineral	Grenadilla		Mineral
M101	Mineral	Grenadilla		Grenadilla
M20M	Mineral	Ebony		Mineral
M202	Mineral	Ebony		Ebony
M2M2	Mineral	Ebony	Mineral	Ebony
ME0M	Mineral	Eiche		Mineral
ME0E	Mineral	Eiche		Eiche
MN0M	Mineral	Walnut		Mineral
MN0N	Mineral	Walnut		Walnut
MR0M	Mineral	Rosewood		Mineral
MR0R	Mineral	Rosewood		Rosewood
N20N	Walnut	Ebony		Walnut
N202	Walnut	Ebony		Ebony
N24N	Walnut	Ebony	Bone	Walnut
N26N	Walnut	Ebony	Acryl	Walnut
N2MN	Walnut	Ebony	Mineral	Walnut
R30R	Rosewood	Maple		Rosewood
R34R	Rosewood	Maple	Bone	Rosewood
R36R	Rosewood	Maple	Acryl	Rosewood
R3MR	Rosewood	Maple	Mineral	Rosewood
RR4R	Rosewood	Rosewood	Bone	Rosewood
RRMR	Rosewood	Rosewood	Mineral	Rosewood

\*) splitted overlays. solid-overlays on enquiry

- other overlays, for example mammoth, snakewood or other overlay combinations on enquiry

- wooden overlays on sharps on enquiry

- special design to drawing on enquiry