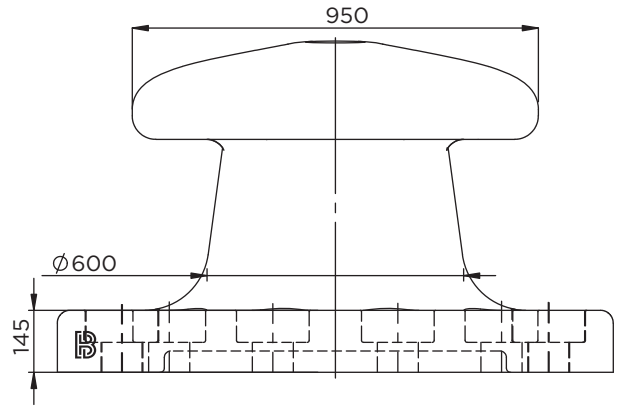

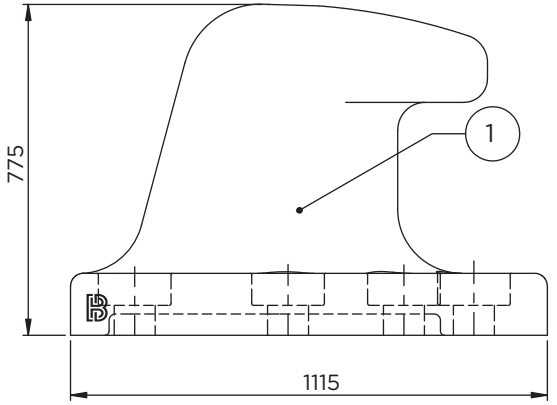

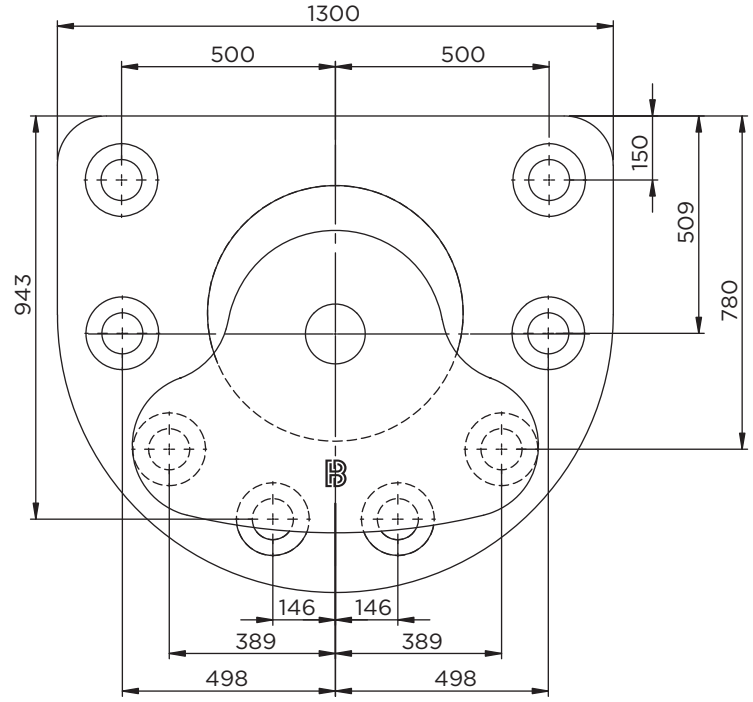

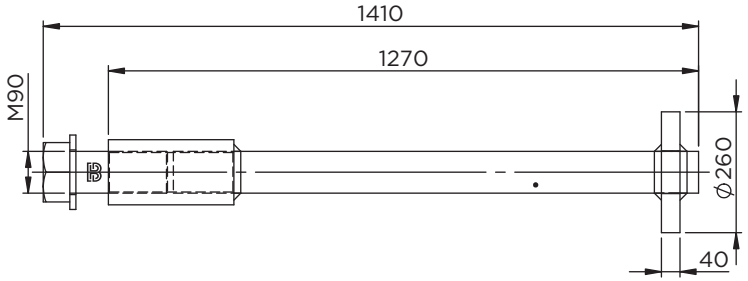

Material: Cast steel (ZG230-450)	
Bolt: L: 1270 mm Dia: ø90 mm Gr. 8.8	Bollard Capacity: 300T (tons)

NOTES:
All dimensions 1. Are based on metirc unit otherwise stated.
2. Safety working load: 250 tons. Design safety factor is 1.5 against yield or 3.0 against tensile.
3. Bollard to be cast steel zg230-450
Mechenical property:
- yield strength: ≥230mpa
- tensile strength: ≥450mpa
- elongation: ≥22%

4. Paint system for bollard:
- blast all outside surface to sa2.5 before coating
- 3 layers coating total dft to be greater than 350 microns
- marine grade paint. Default top coat color: black
5. Anchor specifications:
- anchor bolt: iso 898-1, grade 8.8
- nut: iso 898-2, grade 8.8
- washer: iso 887
6. All hardware to be hot dip galvanized.

Product:

BK TEE TYPE DOCK BOLLARD

CAPACITY: 300T

Drawer	Architect	Inspector
C.P	G.K	J.B

BAUER UND KAUFMAN
WOLFSBURG 1959