

**Gewinde M 82 für Ringschraube**

**Grundlinie**

Dimensions and features shown in the drawing:

- Overall length: 1260
- Section lengths: 75, 180, 435, 220, 340, 150, 140, 35, 320, 330, 340, 50
- Diameters: 90, 90, 110, 120, 110, 10 mm, 8 mm, 6 mm, 40, 50, 7
- Annotations: *Ecken abrunden*, *vorre Keil 200 · 25 · 14*

1: 2,5. 2 Stück.

Technical drawing of a mechanical assembly, likely a pump or valve component, showing a cross-section. The drawing includes dimensions and handwritten notes in German.

**Dimensions:**

- Overall width: 265  $\phi$
- Inner width: 215  $\phi$
- Distance from center to edge: 160  $\phi$
- Distance from center to edge: 92  $\phi$
- Overall height: 110
- Inner height: 90
- Bottom flange width: 90  $\phi$  + 0.4
- Bottom flange height: 110  $\phi$
- Bottom flange outer diameter: 140  $\phi$

**Handwritten Notes:**

- 1:2,5.
- 2 Stück.
- 5mm Messing scheibe
- 10mm Buchse Rg. 1
- in der Buchse sind Schmirrellen einzu drehen.
- Stauerdose 1/4 R. G.

This is a hand-drawn technical drawing of a boat's stern assembly, showing the rudder, rudder carrier, and various structural components. The drawing includes the following labels and dimensions:

- Labels:**
  - Notruderpinne single arm tiller* (Rudder pin)
  - Rudder carrier Ruder-Traglager* (Rudder carrier)
  - Mitte-Deck* (Middle deck)
  - Seite-Deck* (Side deck)
  - Stopfbuchse 95  $\phi$ , Form C* (Seal bush)
  - Rohr 216  $\cdot$  10* (Pipe)
  - Luftschr. 15mm. Doppel. 60  $\phi$*  (Air screw)
  - 1/2" R. Gew.* (1/2" R. thread)
  - Außenhaut in Mitte-Ruder 2800 aus Mitte-Schiff* (Outer skin in middle of rudder)
  - Knick auß. Mitte-Schiff* (Bend. out. middle of ship)
  - Mitte-Wellen* (Middle shafts)
  - Flosse in Mitte-Schiff* (Fins in middle of ship)
  - Grundlinie* (Baseline)
  - Spantenfernung 520 mm* (Rib spacing)
- Dimensions:**
  - $\phi 80 \cdot 10$ , 8 mm, 10 mm, 80
  - $\phi 100 \cdot 10$ , 12 mm, 310
  - 1000, 330, 330, 340, 50
  - 75, 380, 10, 8, 220  $\cdot$  10, 10, 350, 100, 960, 240, 10, 50  $\phi$
  - $\phi 90 \cdot 10$ , R. Pl. 6 mm, 8, 10
  - 1260, 220, 4
  - 675, 1280, 1720, 2150

Technical drawing of a ship's hull cross-section showing the installation of a pump (Flosse) and its connection to the hull structure. The drawing includes dimensions for the hull thickness (HP 80.6), pump housing (Rohr 51.5), and various offsets (Spt. 2, Spt. 3). The pump is connected to a vertical pipe (Grundlinie) extending downwards. The drawing is labeled 'Flosse' and 'Grundlinie'.

**Side View Labels:**

- Ruder-Traglager (Rudder carrier)
- decksverschraubung 200  $\phi$  (Deck screw 200  $\phi$ )
- Mitte-Deck (Middle deck)
- 8 mm
- 10 mm
- 400 breit (400 wide)
- 80
- 300
- 400
- Ruder-Quadrant (Rudder quadrant)
- Stuifbox 95  $\phi$  (Stop bush 95  $\phi$ )
- Stopfbuchse 95  $\phi$ , Form C mit Staufferdose (Stop bush 95  $\phi$ , Form C with stuffing box)
- Ruderschaft 110  $\phi$ , rudder head 110  $\phi$
- Buchse 110  $\phi$  + 0,4, bush 110  $\phi$  + 0,4
- 10 mm Buchse Rg. 10, 10 mm bush Rg. 10
- Rohr 216  $\cdot$  10 (Pipe 216  $\cdot$  10)
- $\phi$  100  $\cdot$  10
- 7 mm
- 12 mm
- 500
- 320
- 100
- 100
- 30
- 2
- 20
- 120  $\phi$
- 110  $\phi$
- 310
- 550
- $\phi$  100  $\cdot$  12
- FL. 65

**Top View Labels:**

- Knie 220  $\cdot$  10 (Elbow 220  $\cdot$  10)
- 30
- 50  $\phi$
- 350
- 100
- 240
- R. Pl. 6 mm (Rudder plate 6 mm)
- 10
- 10 mm, bis Ruder arm (10 mm, to rudder arm)
- 1040 über Gr. L. (1040 above Gr. L.)
- 1280 über Gr. L. (1280 above Gr. L.)
- 1720 über Gr. L. (1720 above Gr. L.)
- 2150 über Gr. L. (2150 above Gr. L.)

[illegible]

1:2.

Technical drawing of a mechanical part, likely a flange or a base plate, showing dimensions and a scale of 1:2.

The drawing includes the following dimensions and features:

- Overall width: 110 mm
- Inner width (top): 125 mm
- Inner width (bottom): 129 mm
- Height of the main body: 35 mm
- Radius of the top corner: 45 mm
- Radius of the bottom corner: 30 mm
- Thickness of the base plate: 3 mm
- Scale: 1:2

6 Paßbolzen 3/4", M33, mit Mutter u. Sicherungsblech

Oberflansch  
Unterflansch  
Knie 220-70

8 mm

$R=40$

$R=40$

$R=60$

$R=200$

10

10

$\phi 50 \cdot 7$

6 mm

130

350

100

30

320

200

Feder 40 · 15

1740

250

40

130

130

120

90

140

120

180

360



Schmierung der Ruderlager  
St.B. vorne

4 Schrn M12 Nirosta  
mit Sicherung

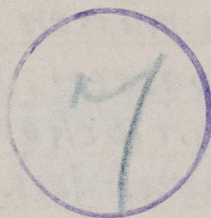
Ruder-Anordnung.  
Rudder Arrangement

Maßstab:	Gez. P.St. 20.11.62	Zeichnungs-Nr.
Scale:	Ges.	
1:10 u. 1:5		1100-1103-6

von Maierform genehm. 21. 12. 62  
von L. R. genehmigt 7. 12. 62



RECORDS DEPT.  
LONDON



Rudder arrangement

Retain with Hamburg

Ship First Entry

Report No. 13425

~~SS/MS~~ INTA YAMUNA ★

*Wrecker* *John* *Yard No.*  
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Lloyd's Register  
Foundation

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