Nachbau
Militärisches Radschloss um 1580

Reproduction
Military Wheellock, ca. 1580

Bodenfund Originalschloss

Archaeological Find of Wheellock

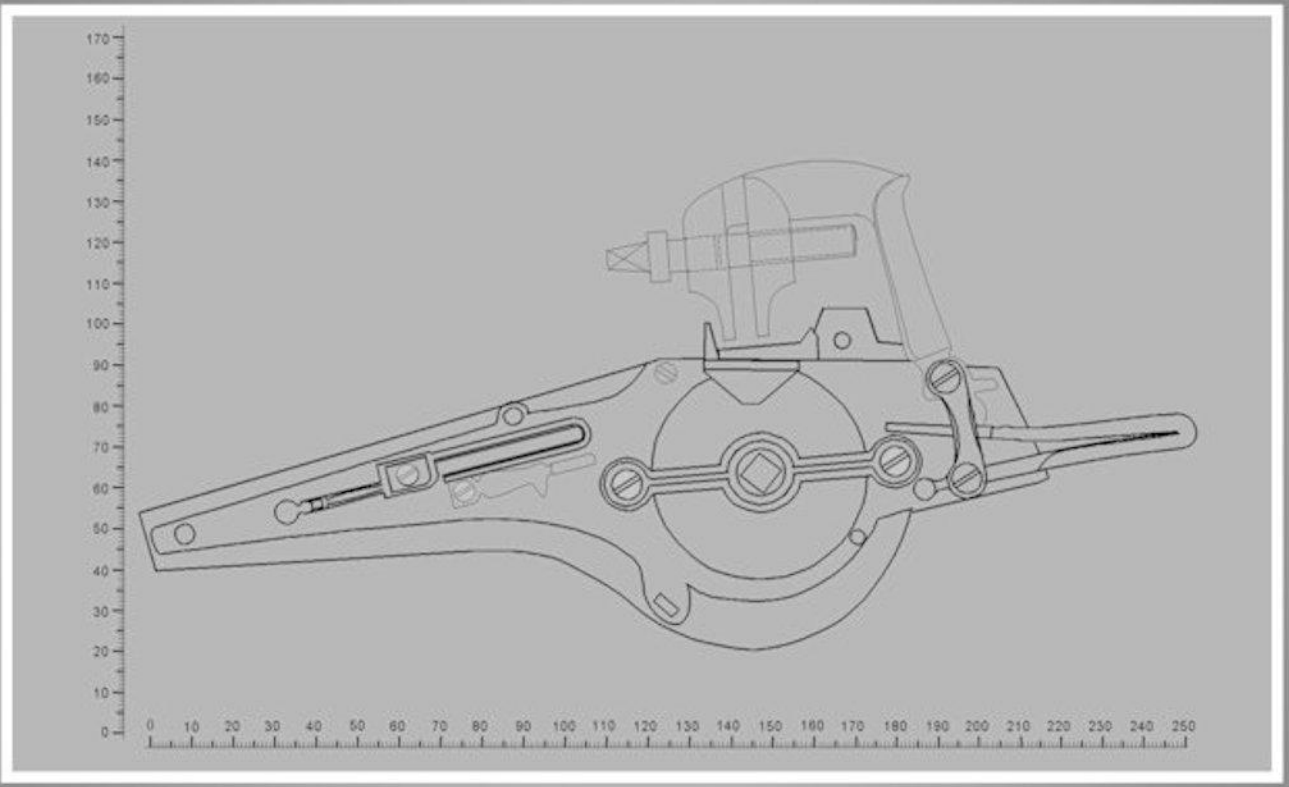
Rückseite

Rear Side

Vom Original abgeleitete Zeichnungen

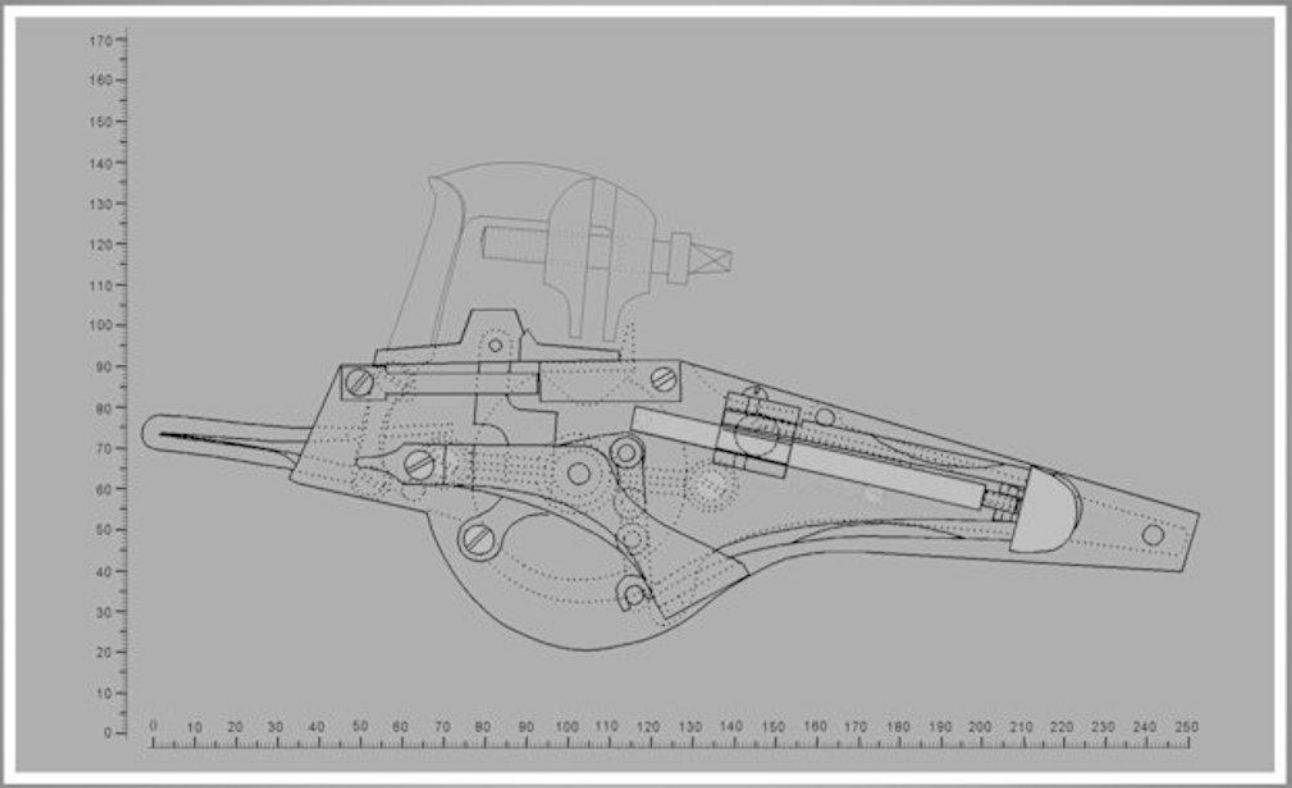
Konstruction drawings based on the original lock

Vorderseite des Bodenfunds



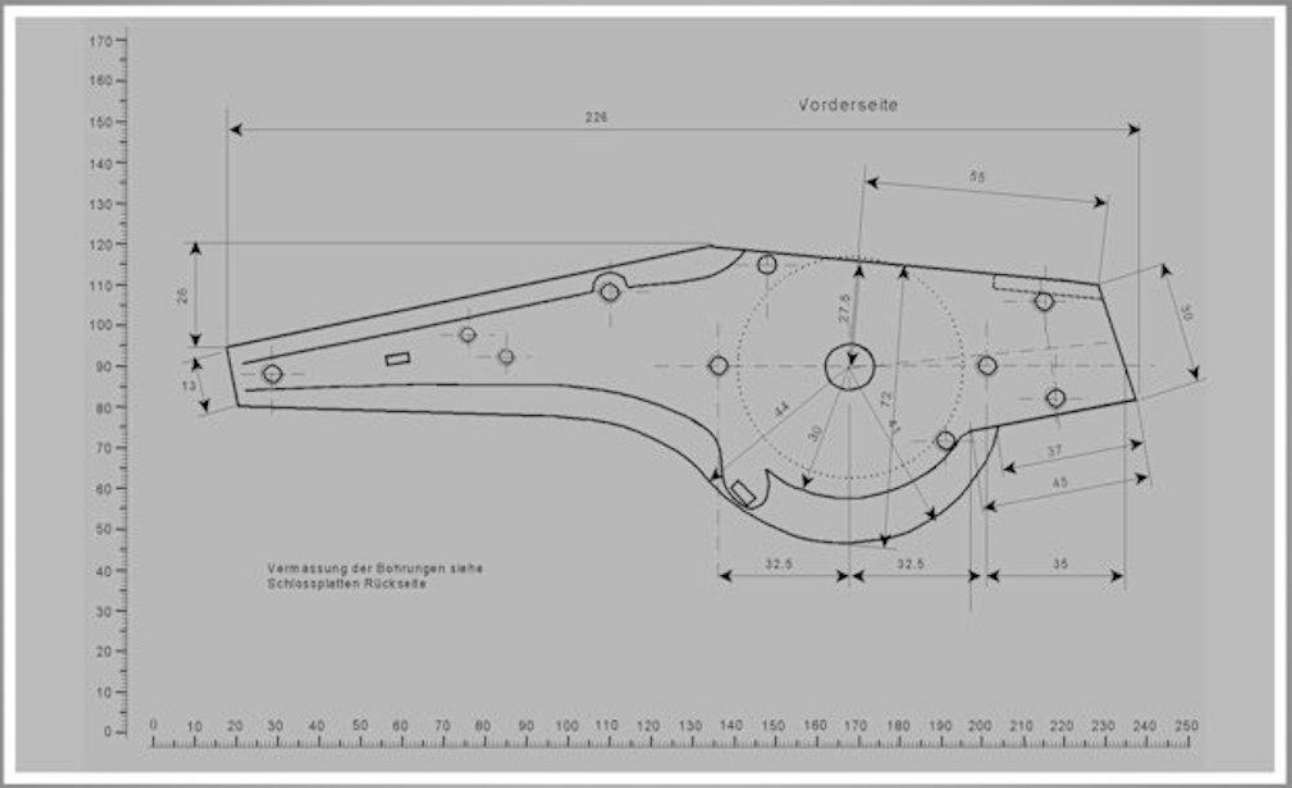
Front side of the find

Rückseite

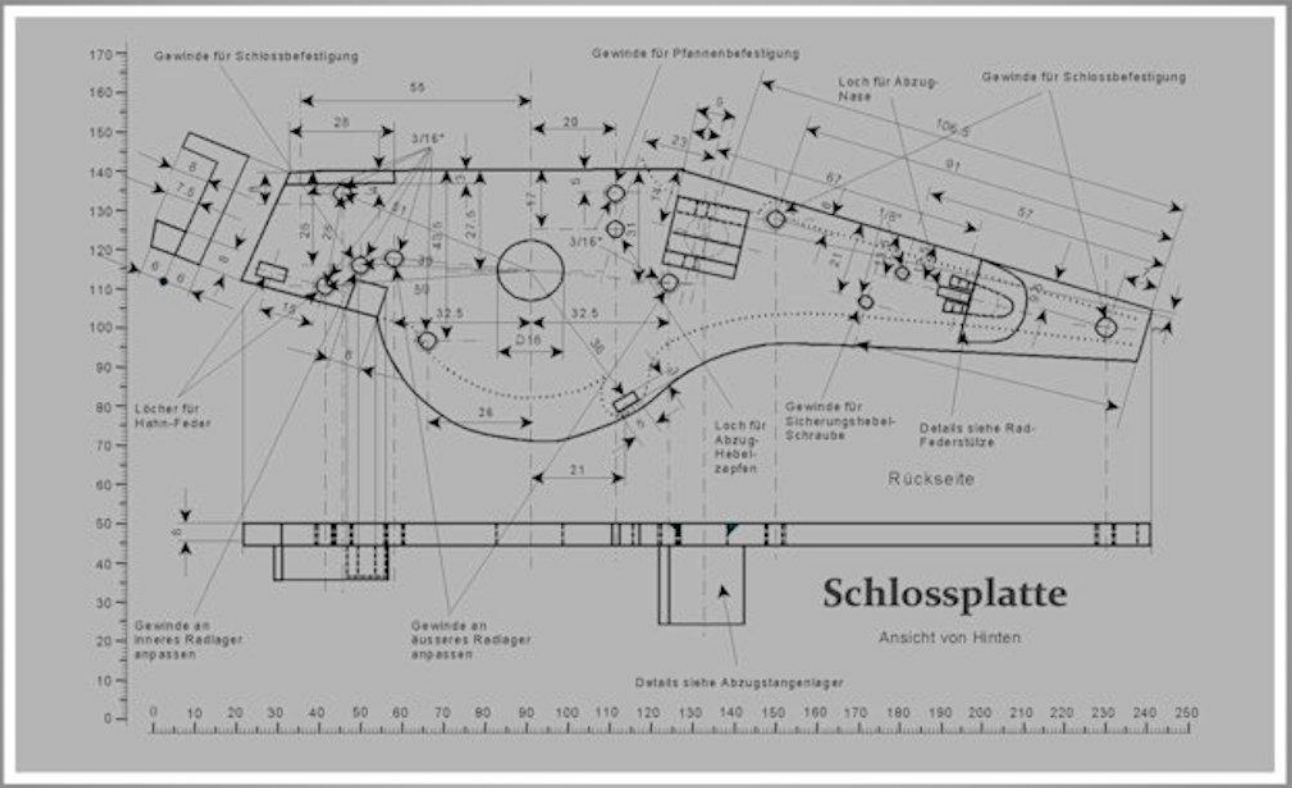


Rear side

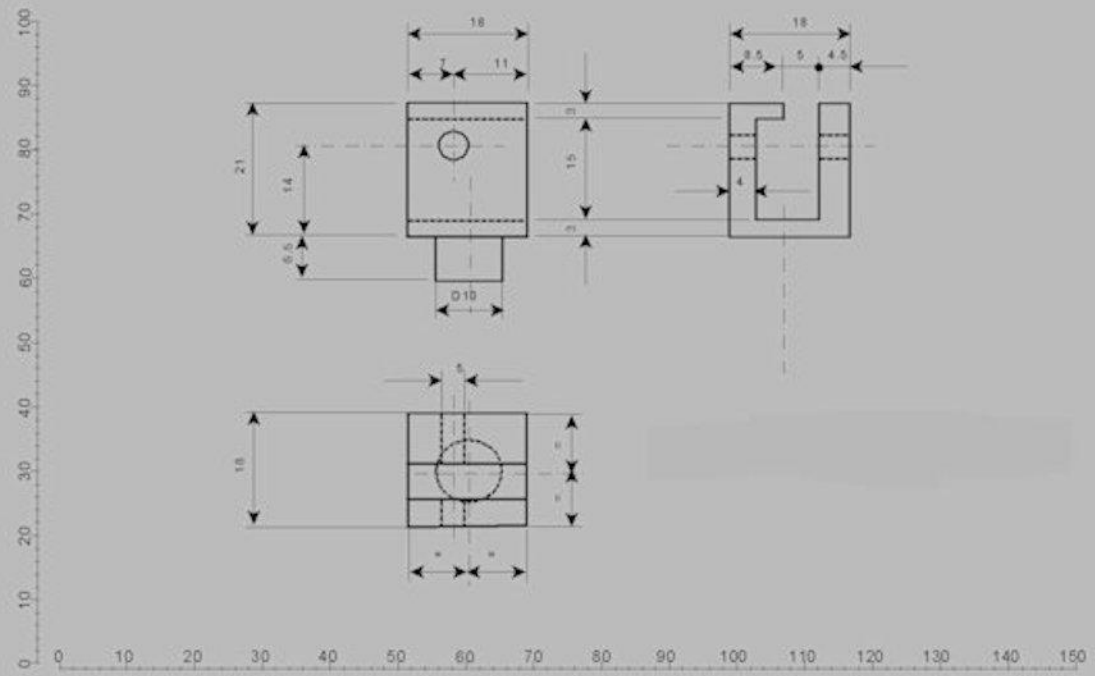
Schlossplatte



Lockplate

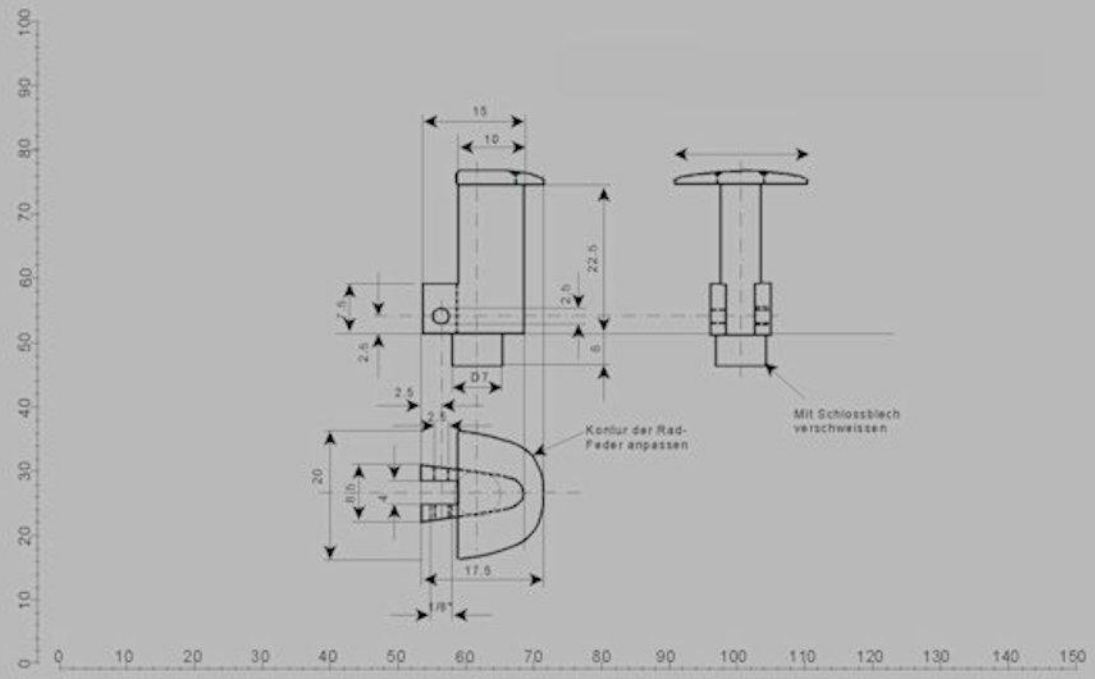

Gewinde für Schlossbefestigung
Gewinde für Pfannenbefestigung
Loch für Abzug-Nase
Gewinde für Schlossbefestigung
Löcher für Hahn-Feder
Loch für Abzug-Hebel-zapfen
Gewinde für Sicherungshebel-Schraube
Details siehe Rad-Federstütze
Rückseite
Schlossplatte
Ansicht von Hinten
Gewinde an inneres Radlager anpassen
Gewinde an äusseres Radlager anpassen
Details siehe Abzugstangenlager

Abzugsstangen-Lager



Bearing of Triggerbar

Hauptfeder-Abstützung

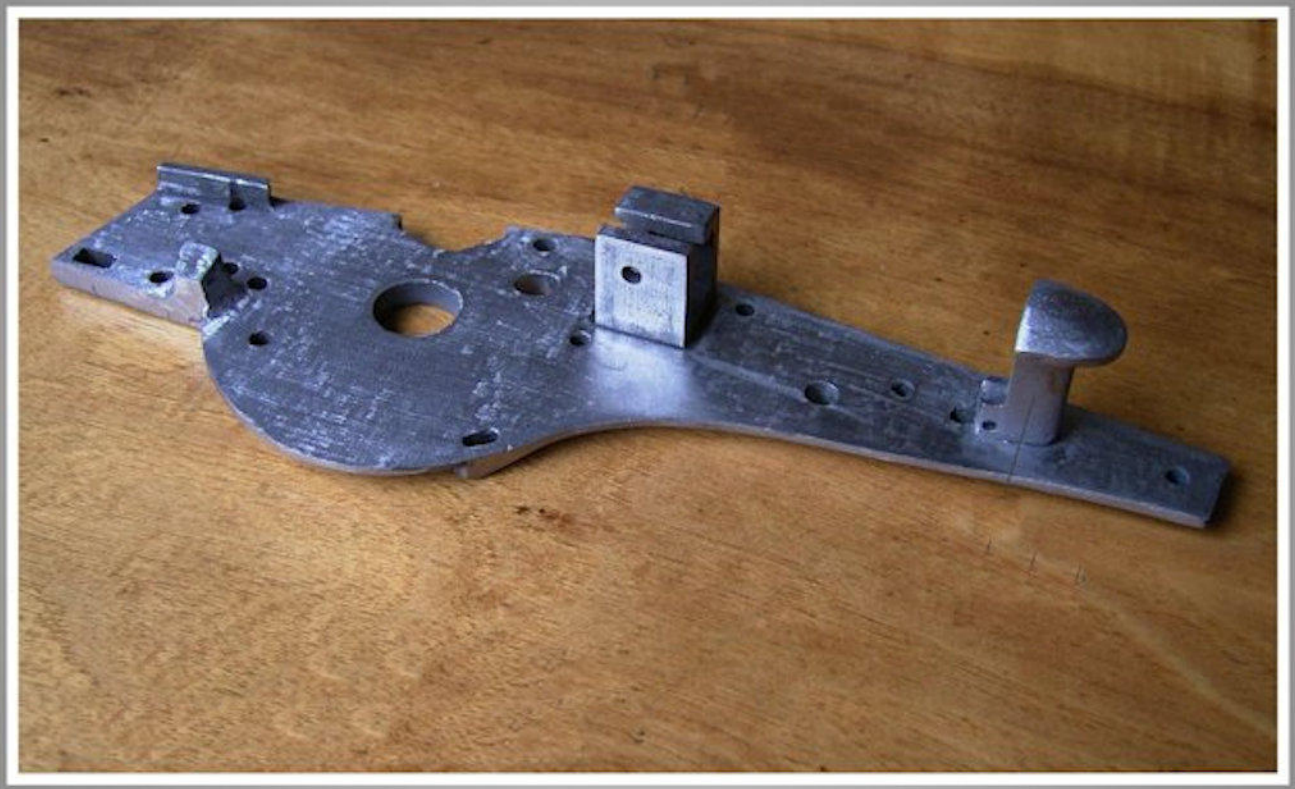


Support for Mainspring

Vorderseite der Schlossplatte

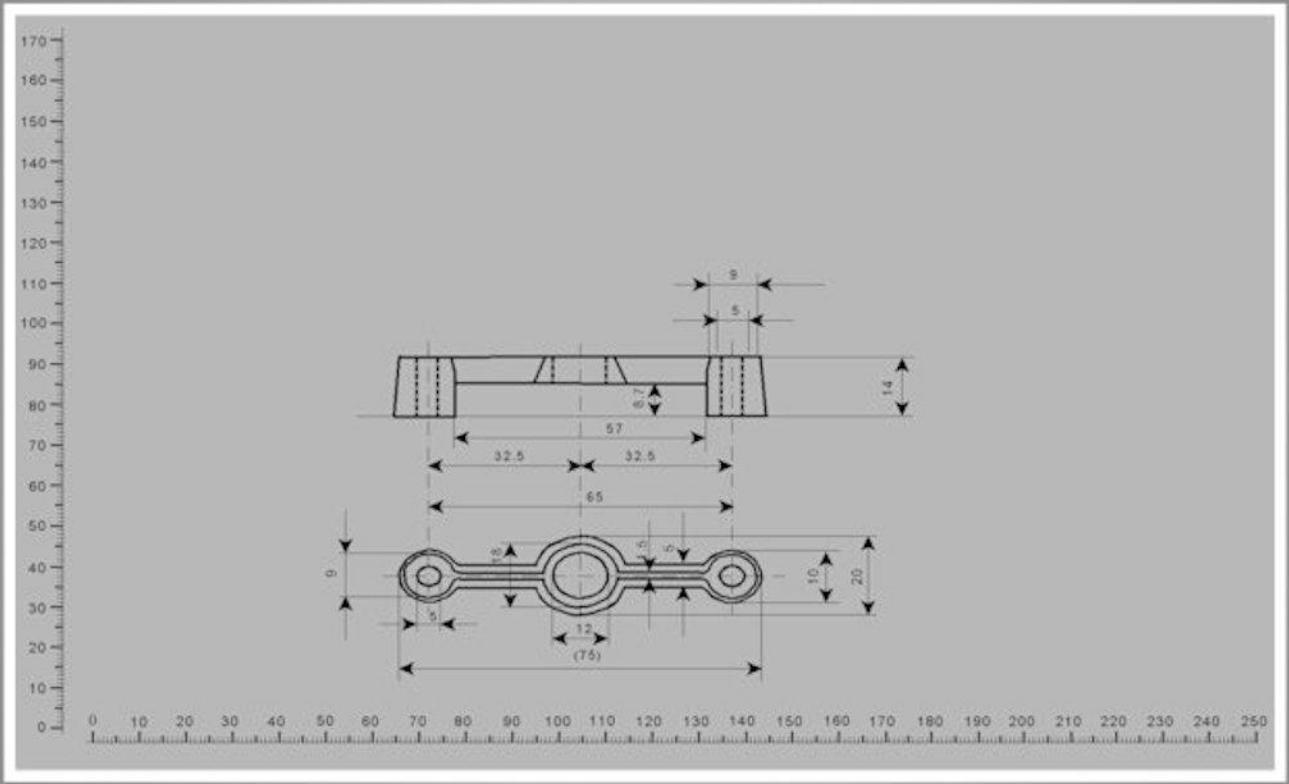
Front view of Lockplate

Rückseite der Schlossplatte



Rear view of lockplate

Äusseres Radlager

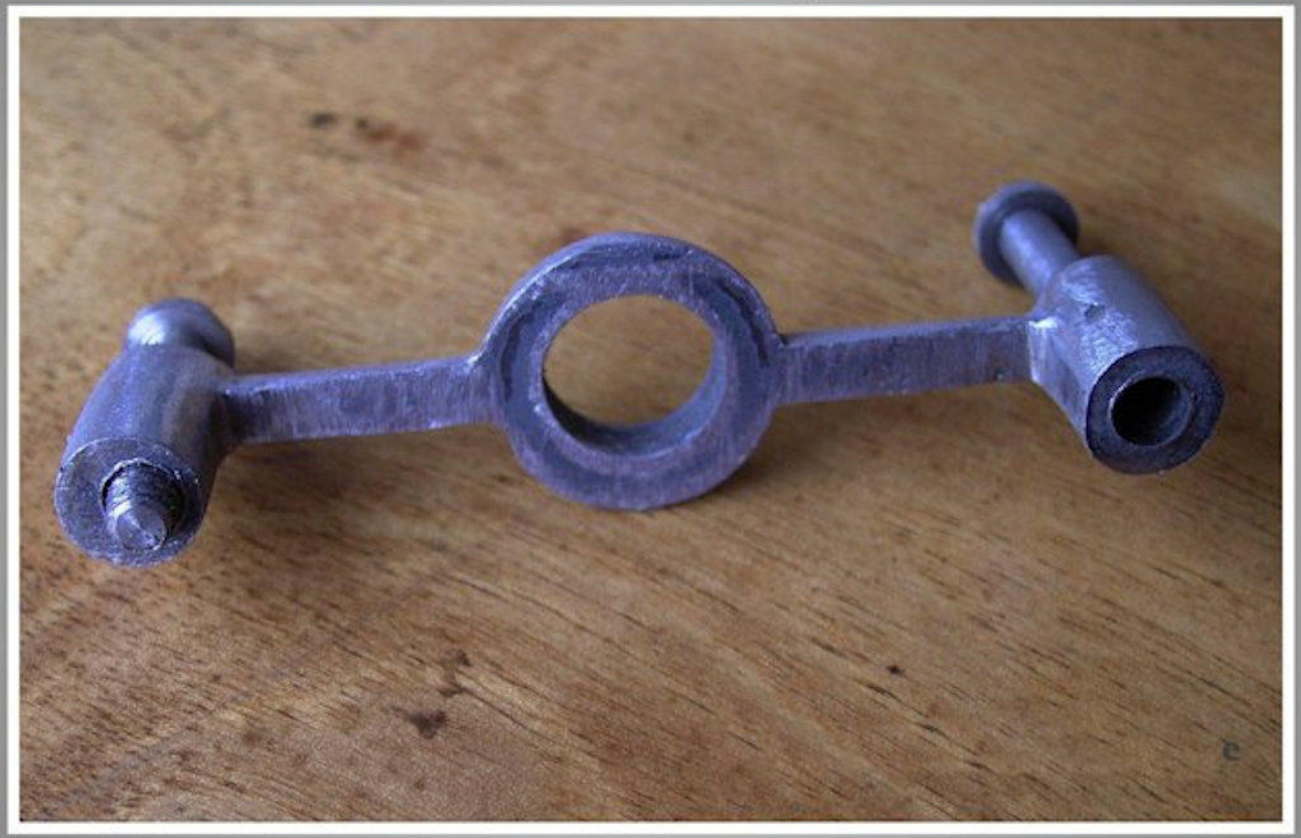


External wheel bearing

Vorderseite äusseres Radlager

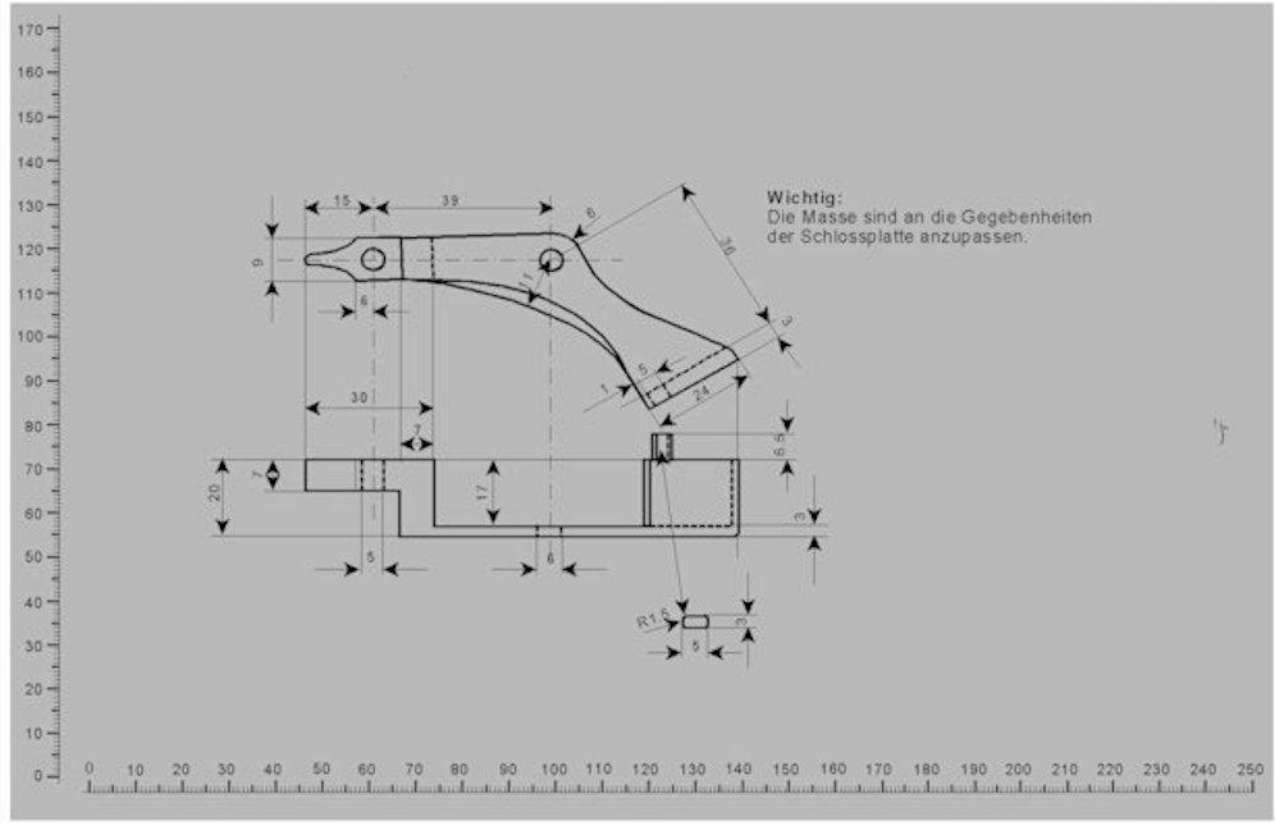
Front side of external wheel bearing

Rückseite äusseres Radlager



Rear side external wheel bearing

Rad-Innenlager

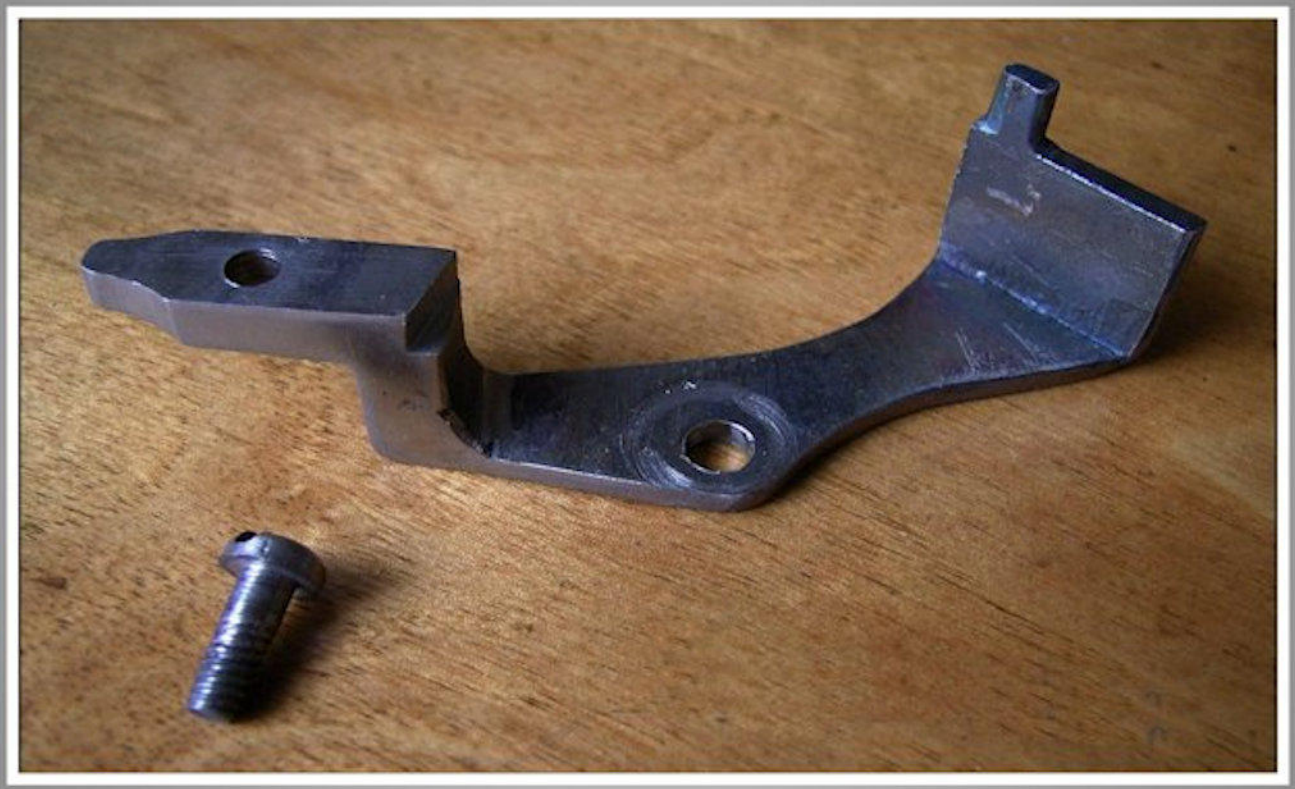


Internal wheel bearing

Aussenseite des inneren Radlagers

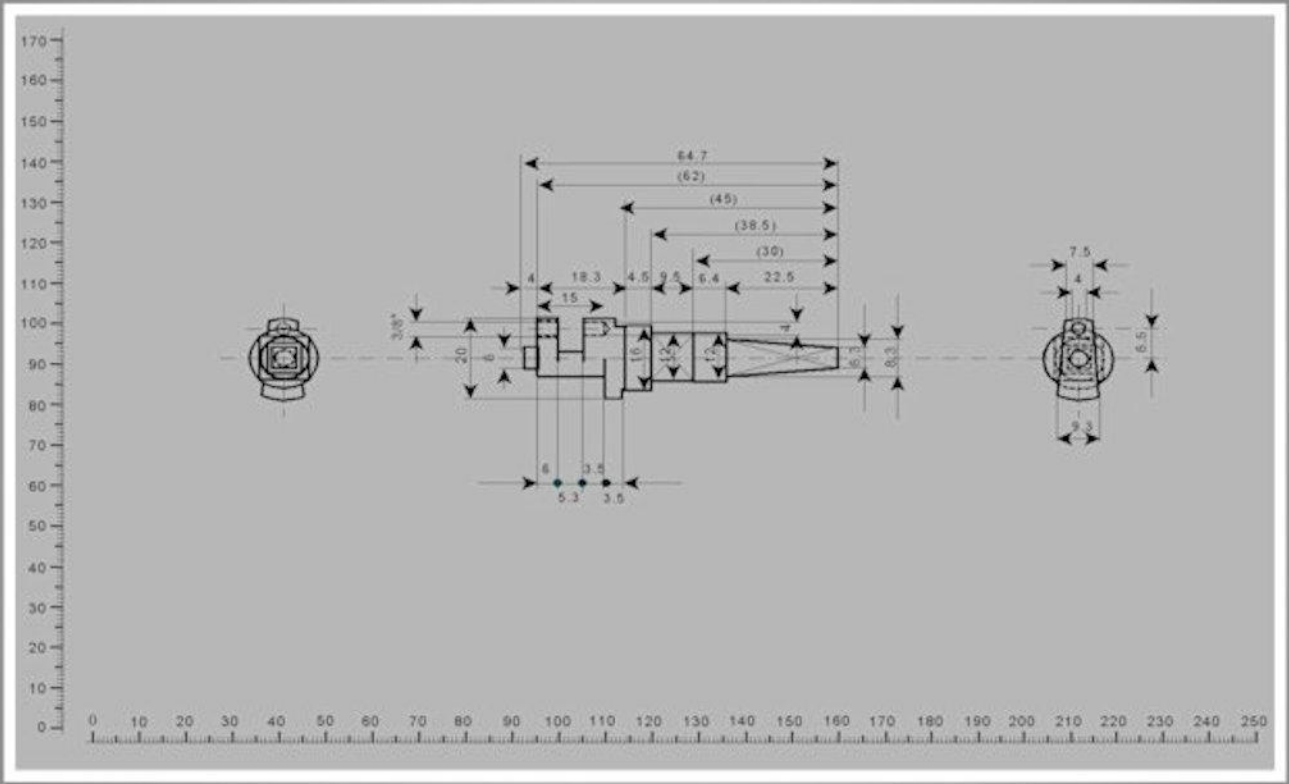
Rear view of internal wheel bearing

Vorderseite des inneren Radlagers



Front view of internal wheel bearing

Radachse

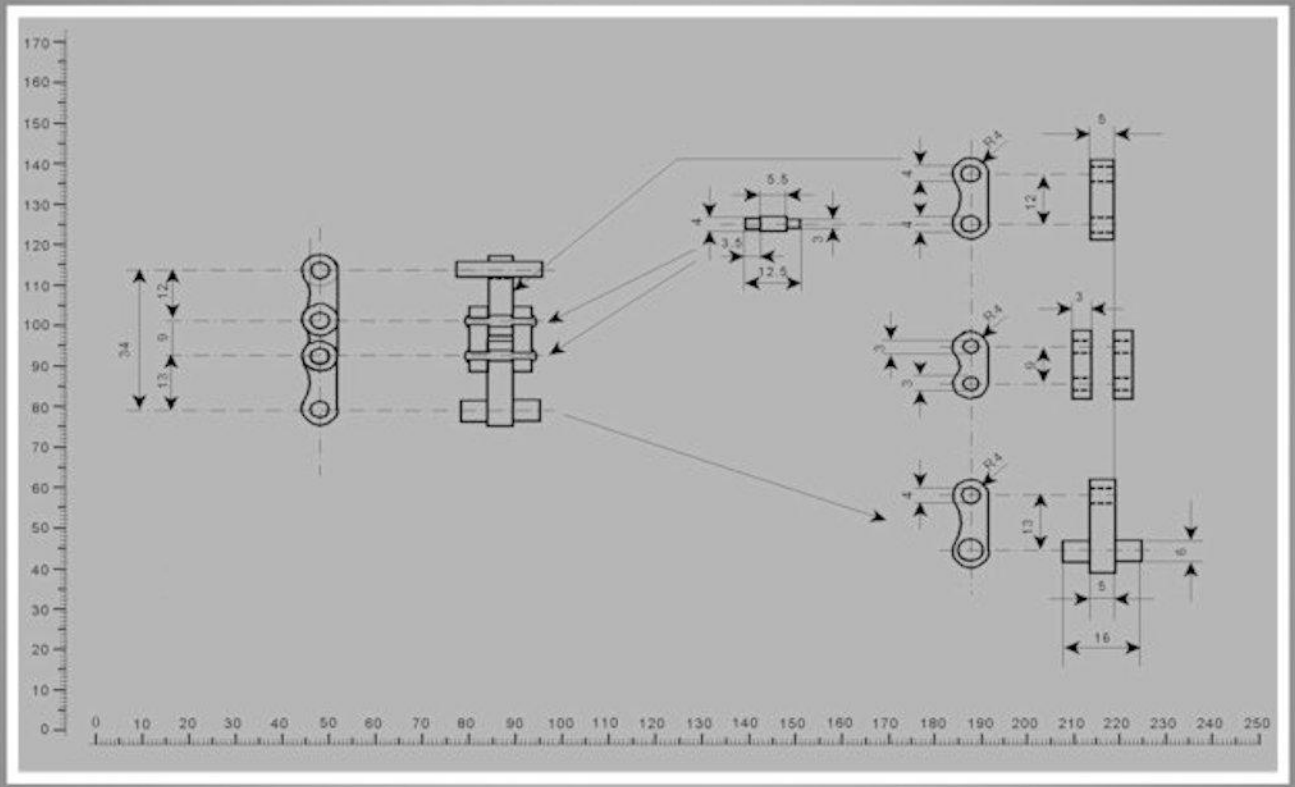


Wheel pivot

Radachse mit Kurbel für Kette

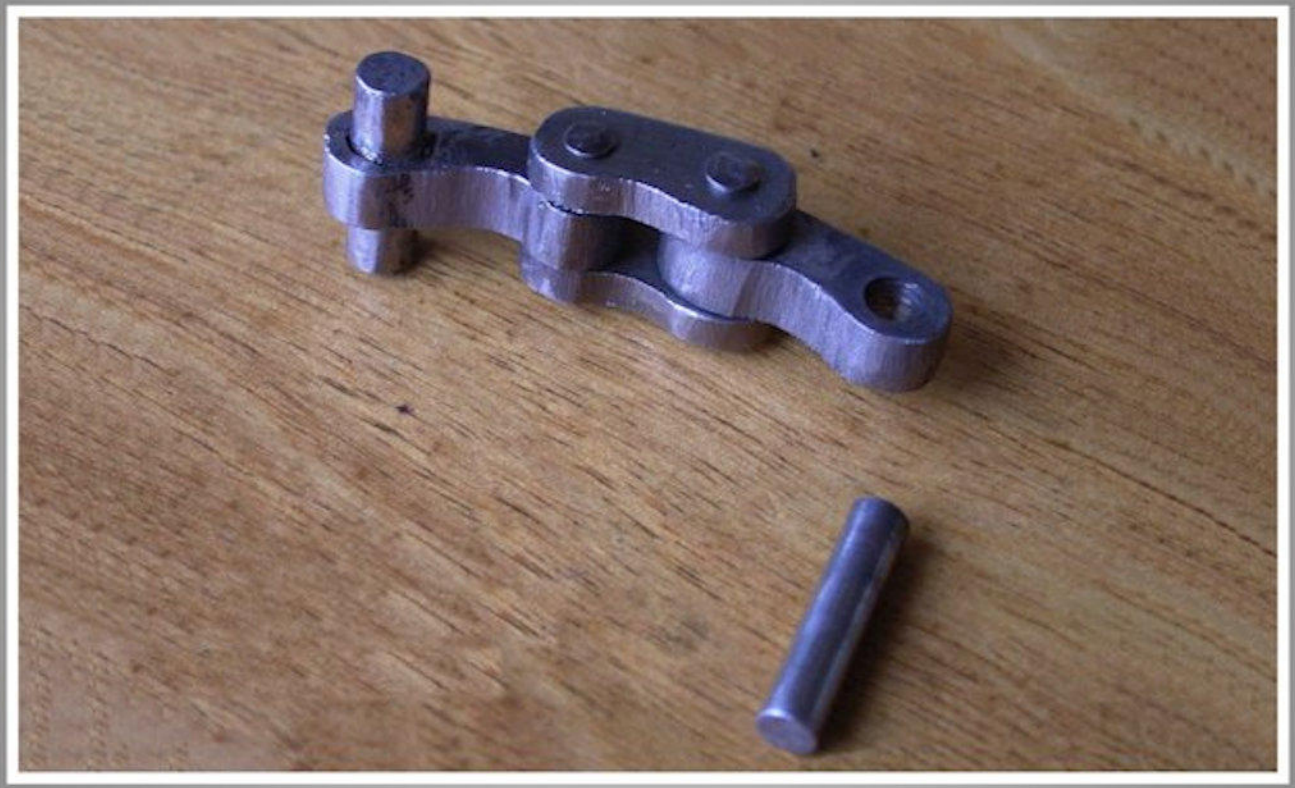
Wheel pivot with excenter for chain

Radschlosskette



Wheellock chain

Radschlosskette

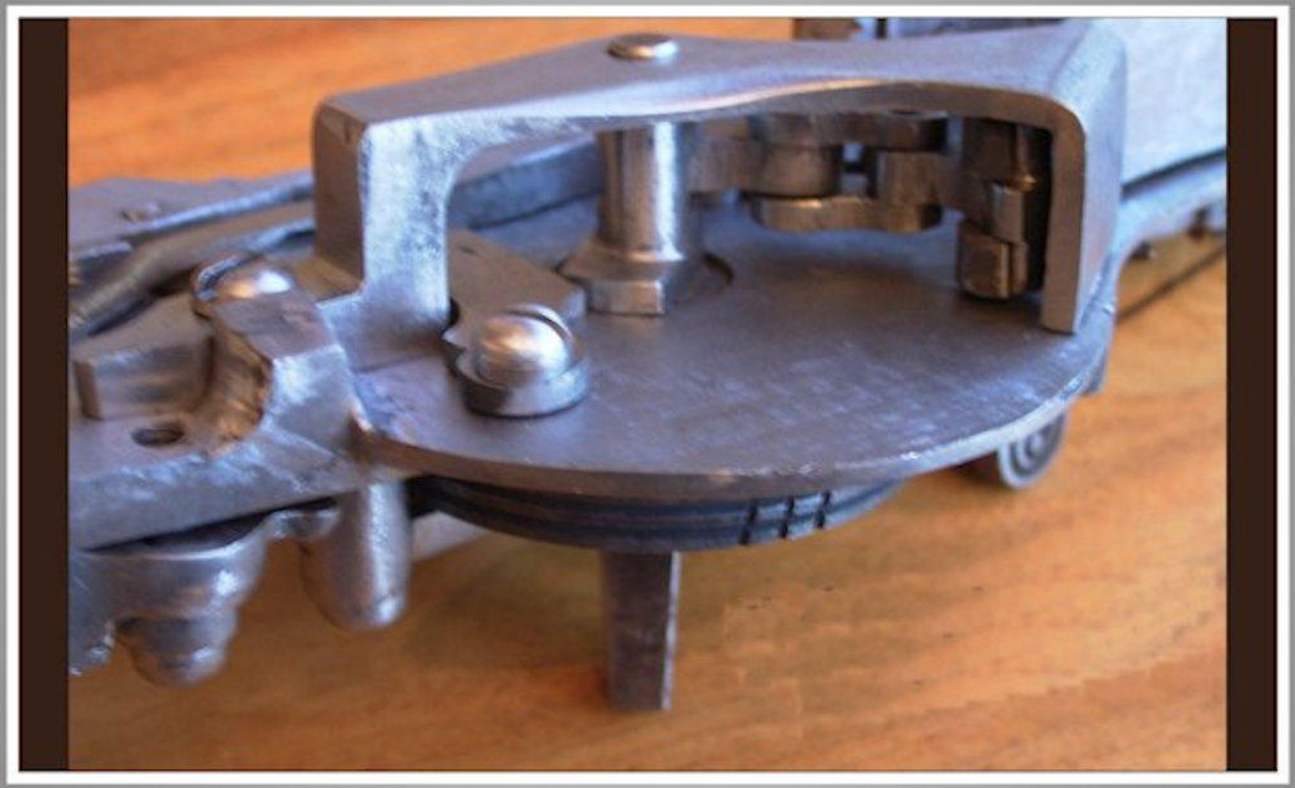


Wheellock chain

Radschlossachse mit Kette

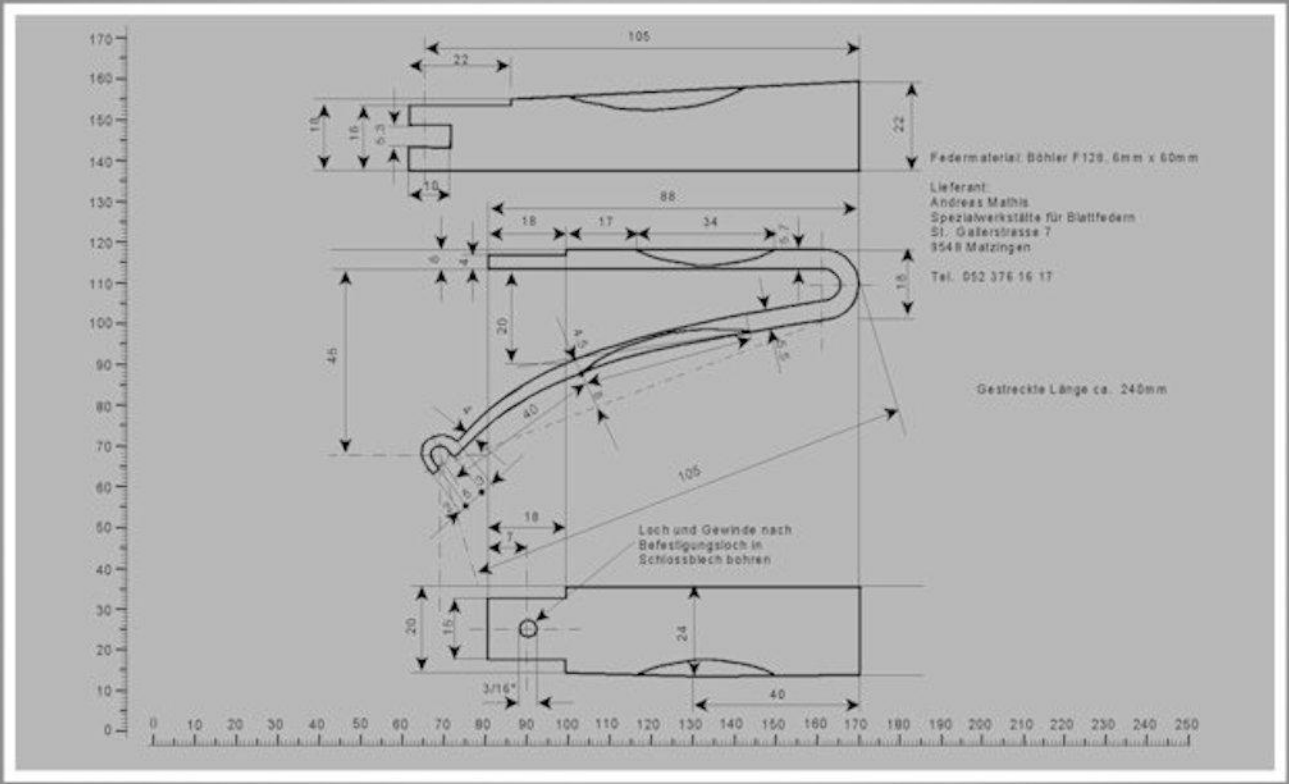
Wheellock pivot with chain

Zsammengebaute Radmechanik



Assembled wheel mechanics

Hauptfeder



Mainspring

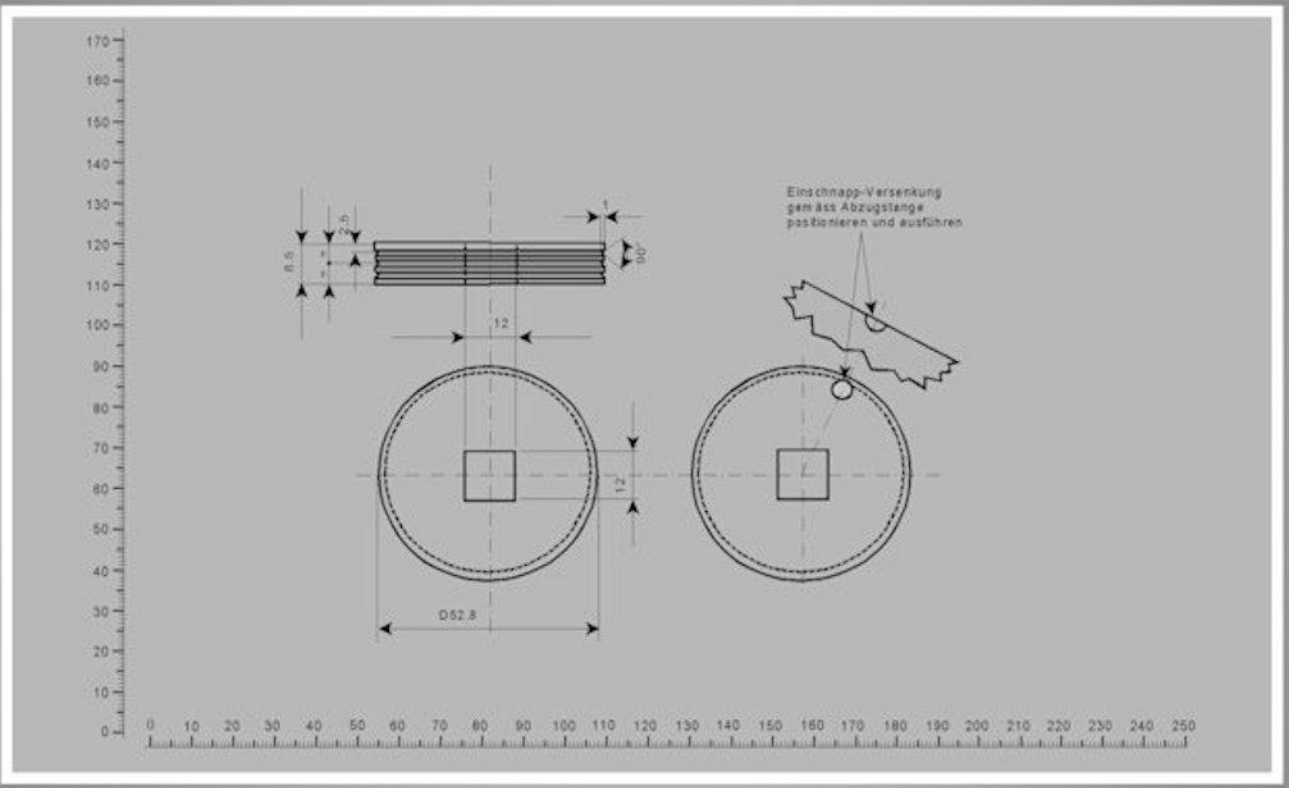
Hauptfeder von unten

Mainspring seen from below

Hauptfeder von oben

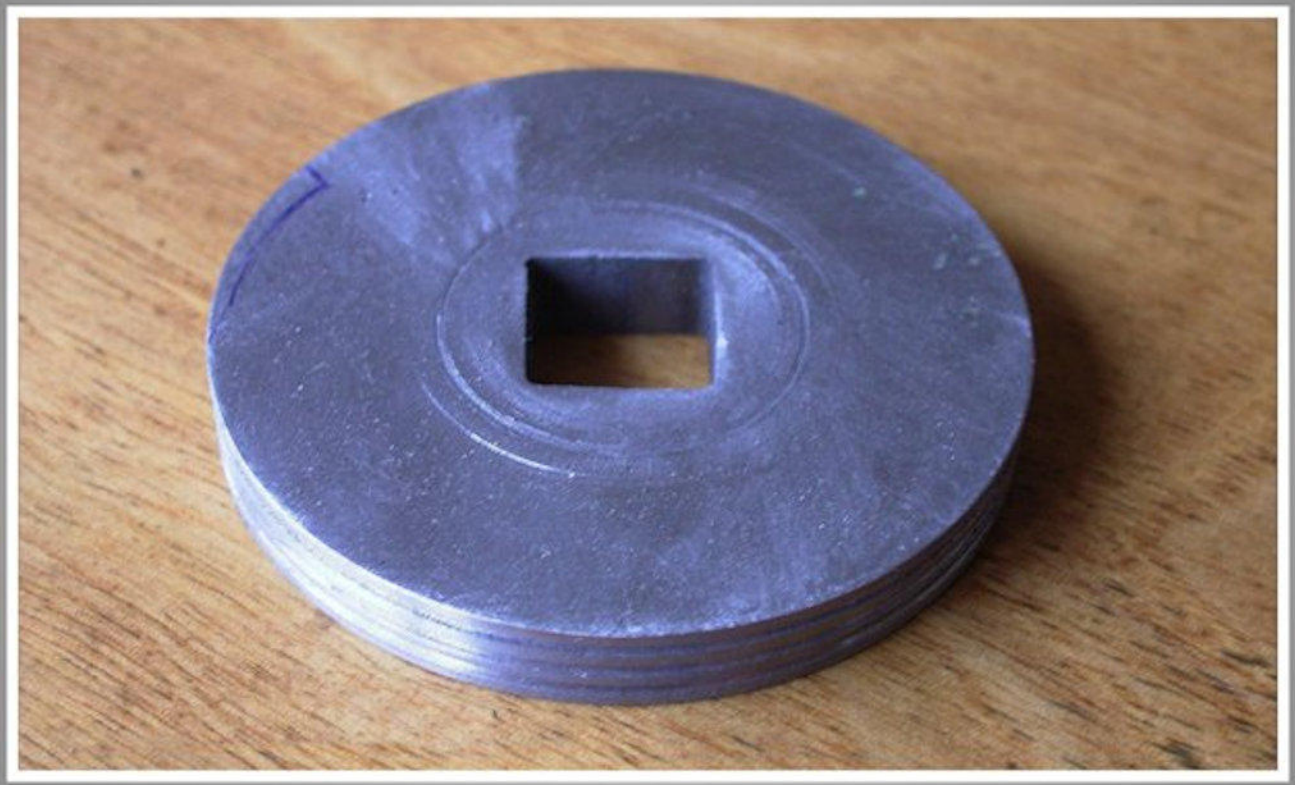
Mainspring seen from above

Schloss-Rad



Wneel of Wheellock

Rad Vorderseite

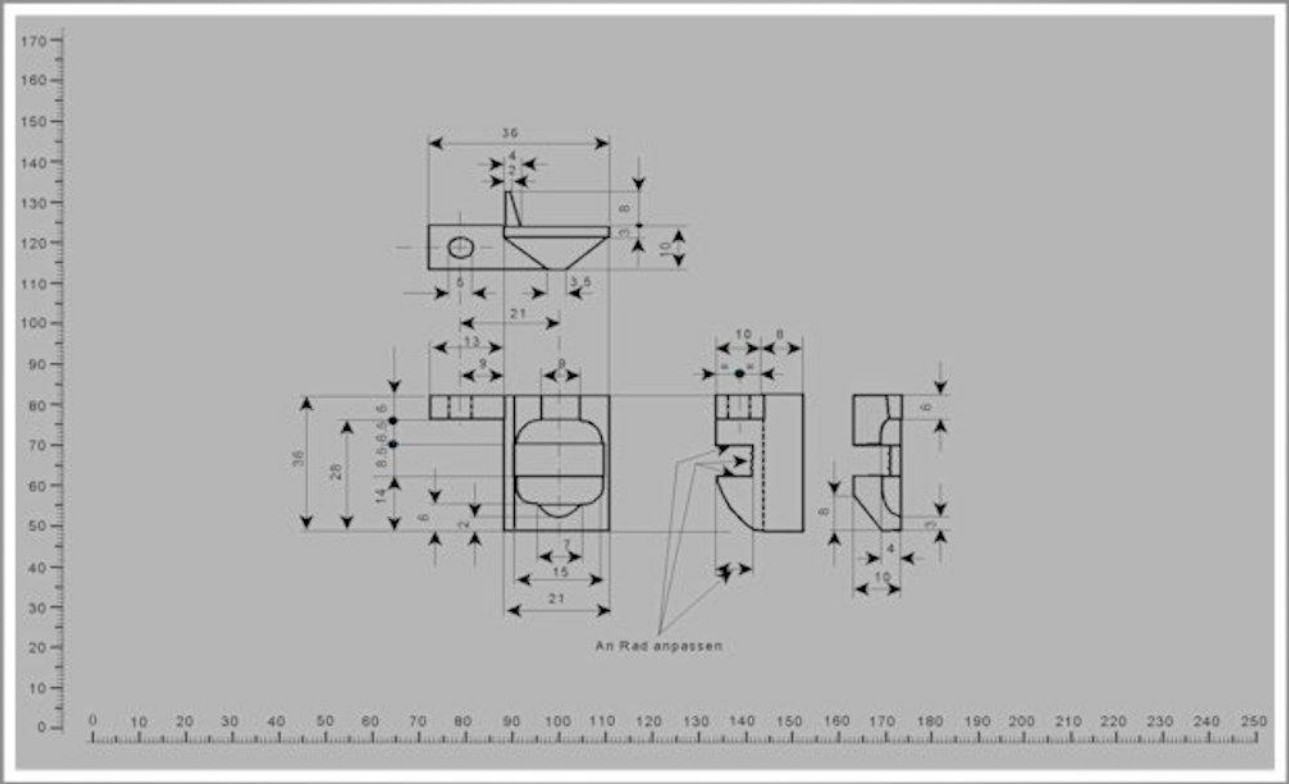


Wheel frontview

Rad Rückseite mit Spannrastvertiefung

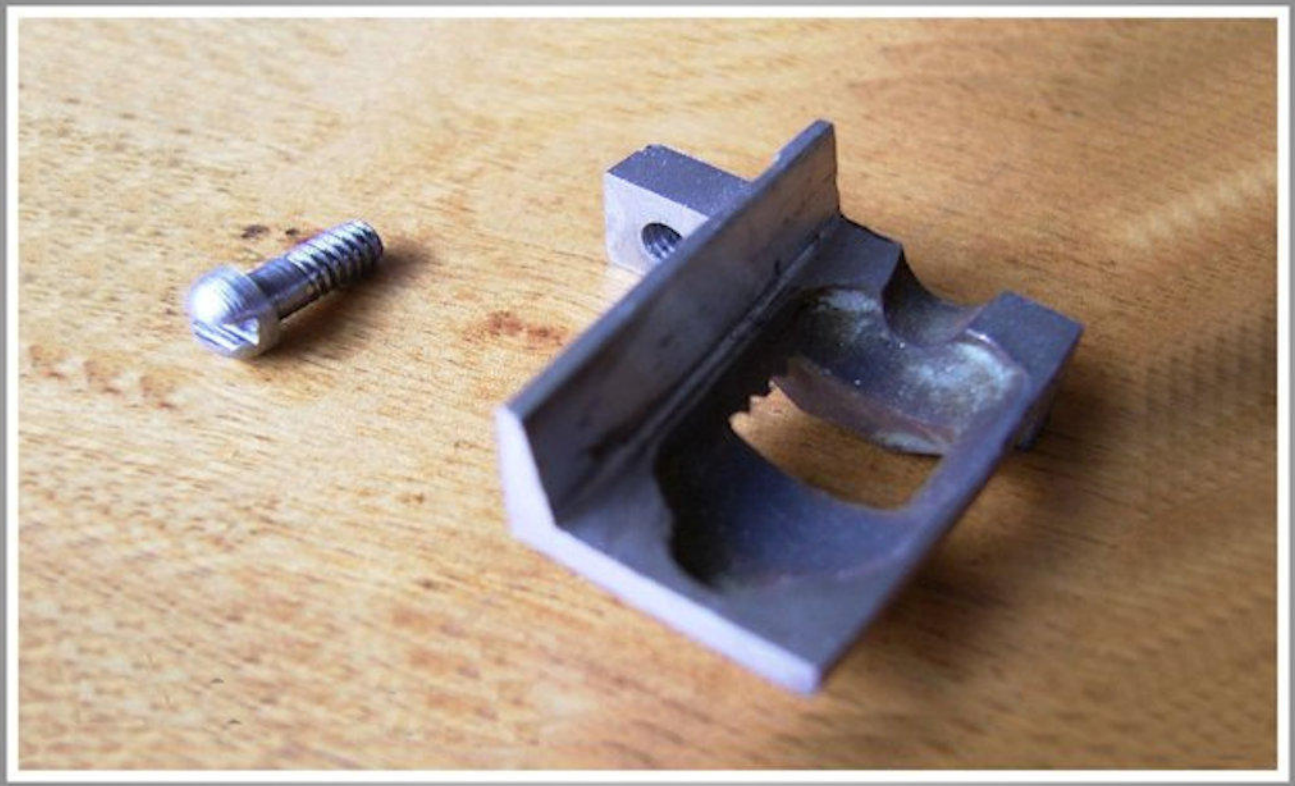
Wheel rearside with cocking notch

Pulverpfanne



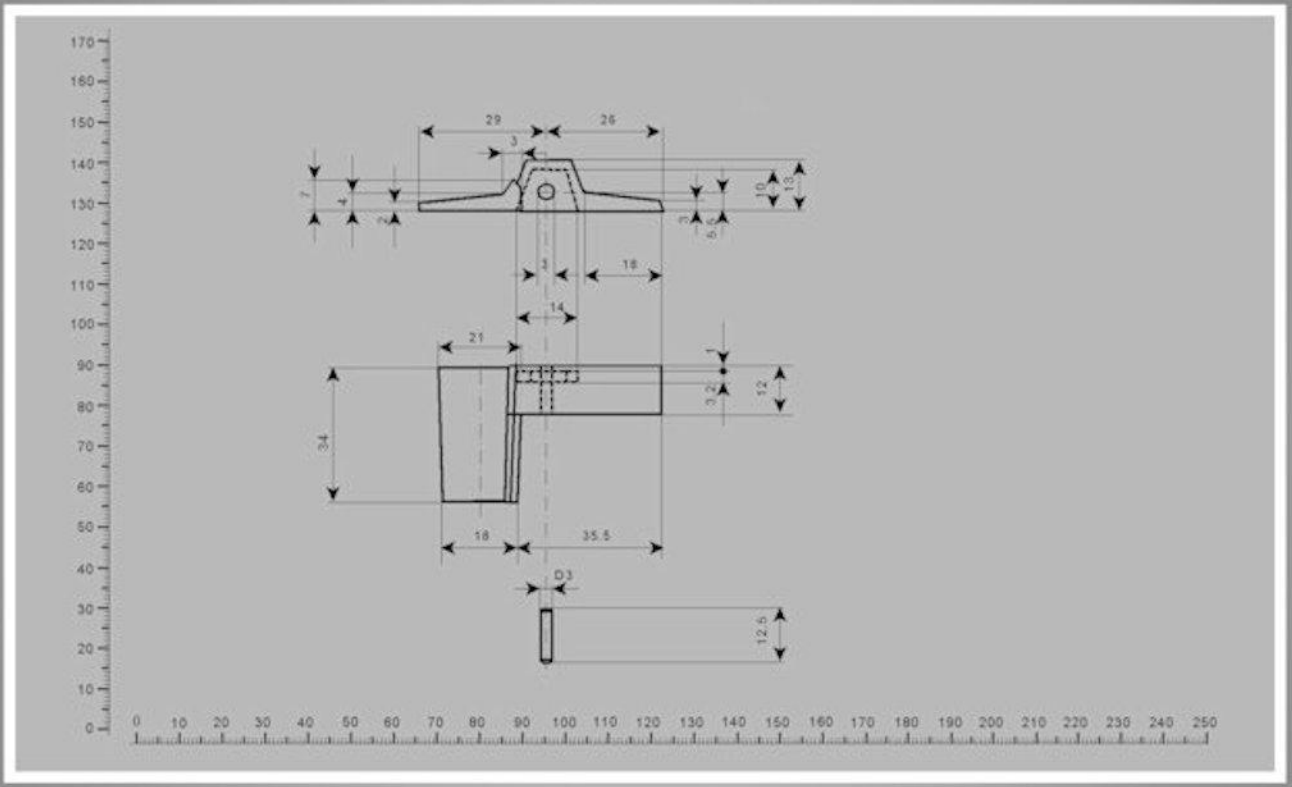
Flash pan

Pulverpfanne mit Befestigungsschraube



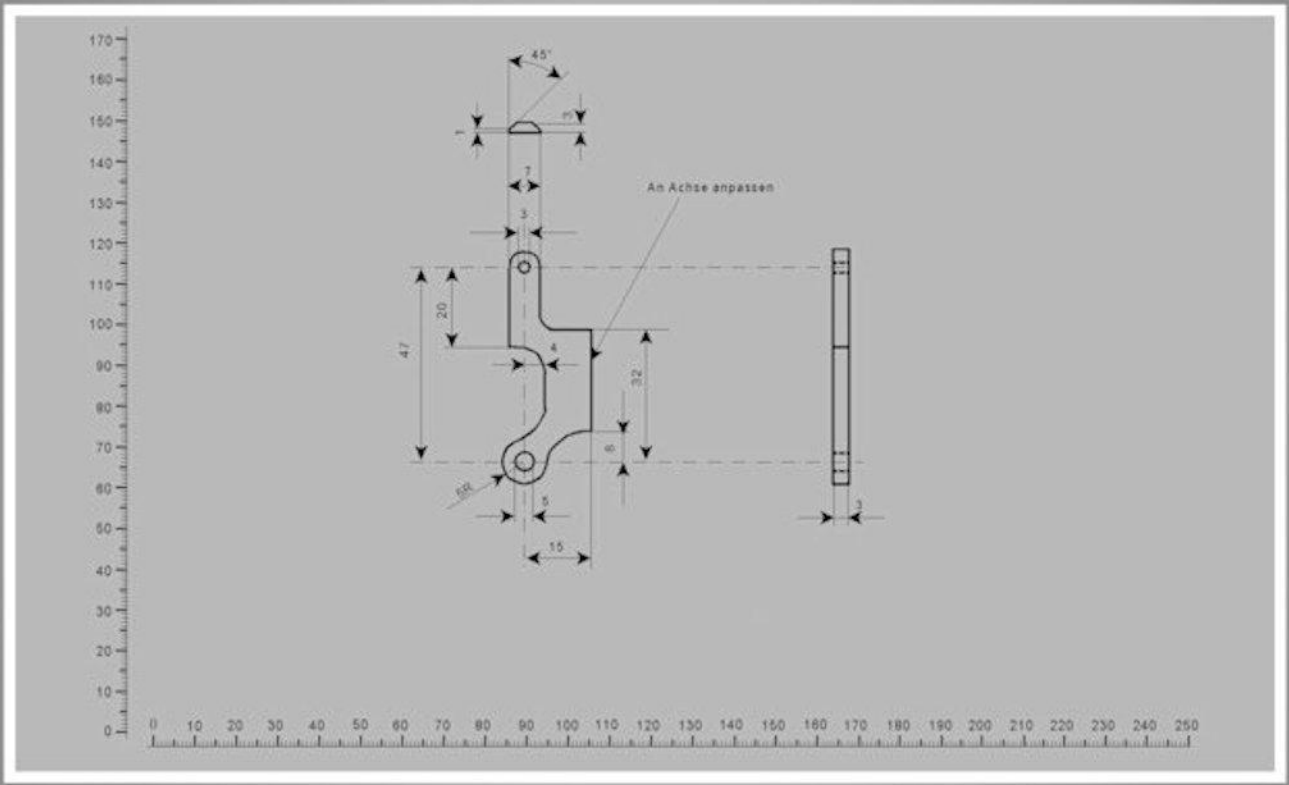
Flash pan with mounting screw

Pulverpfannendeckel



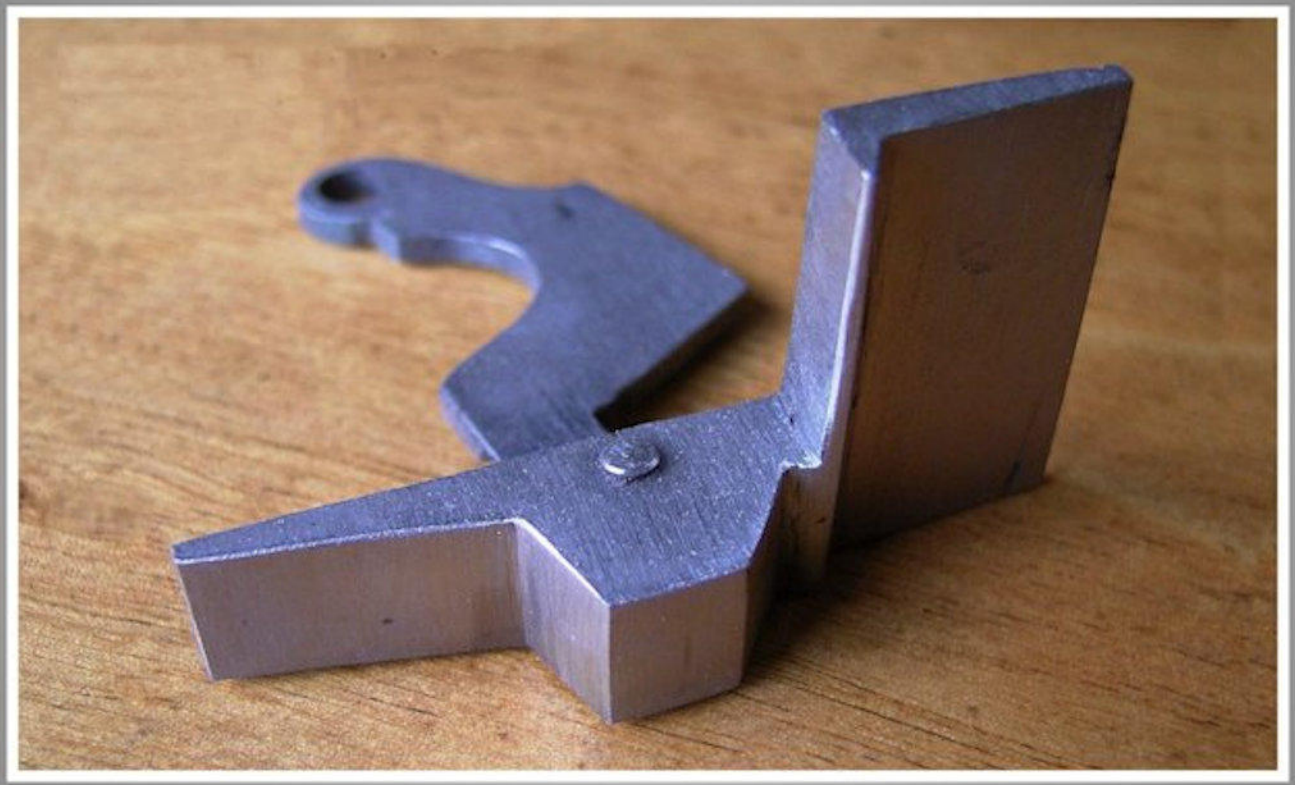
Flaspan cover

Pfannendeckel-Hebel



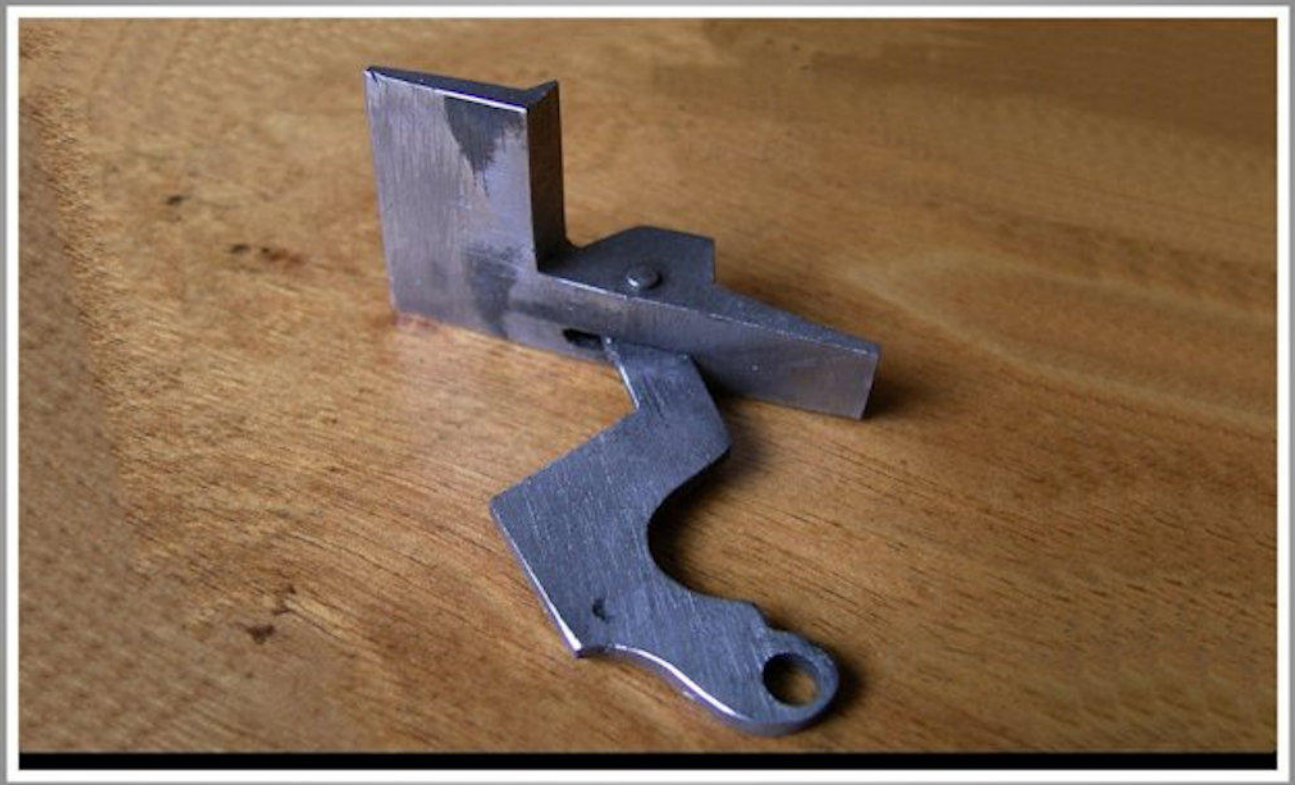
Flashpan cover lever

Pfannendeckel mit Hebel



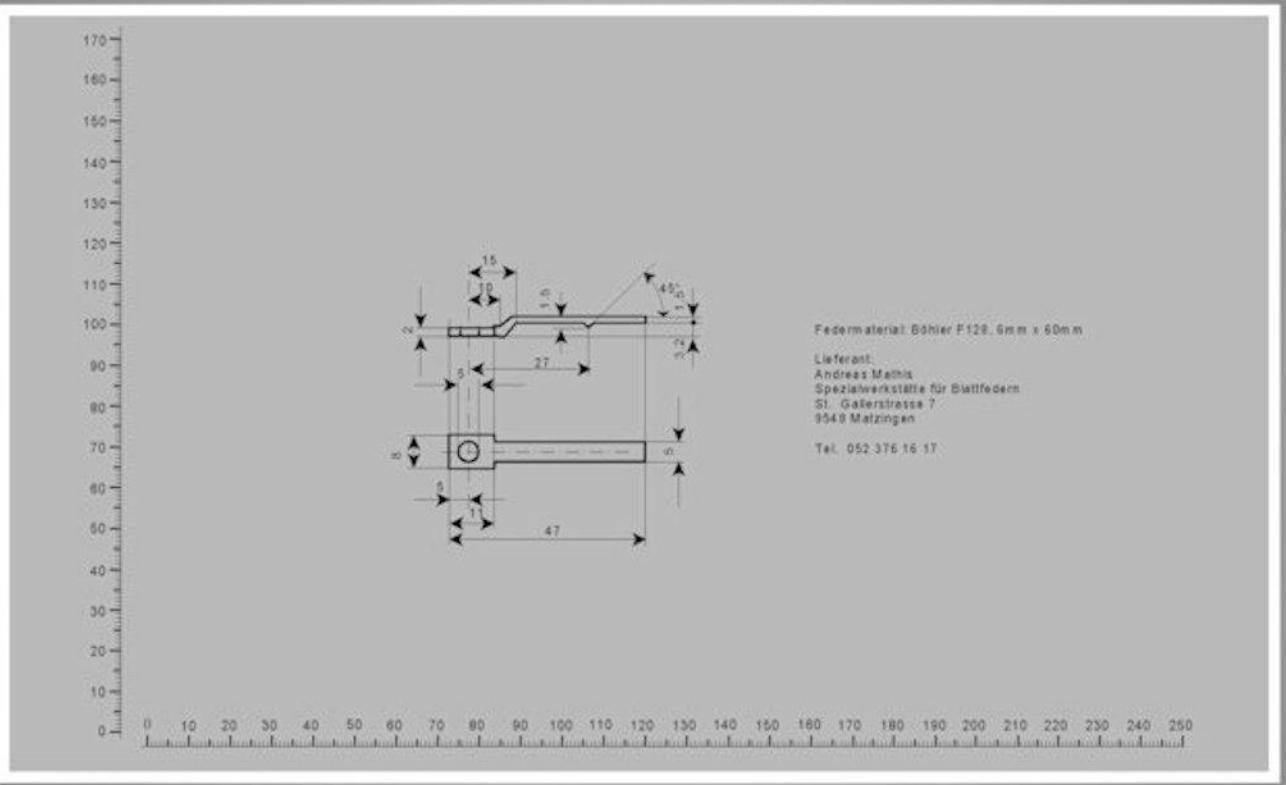
Flashpan cover with lever

Pfannendeckel mit Hebel, von unten



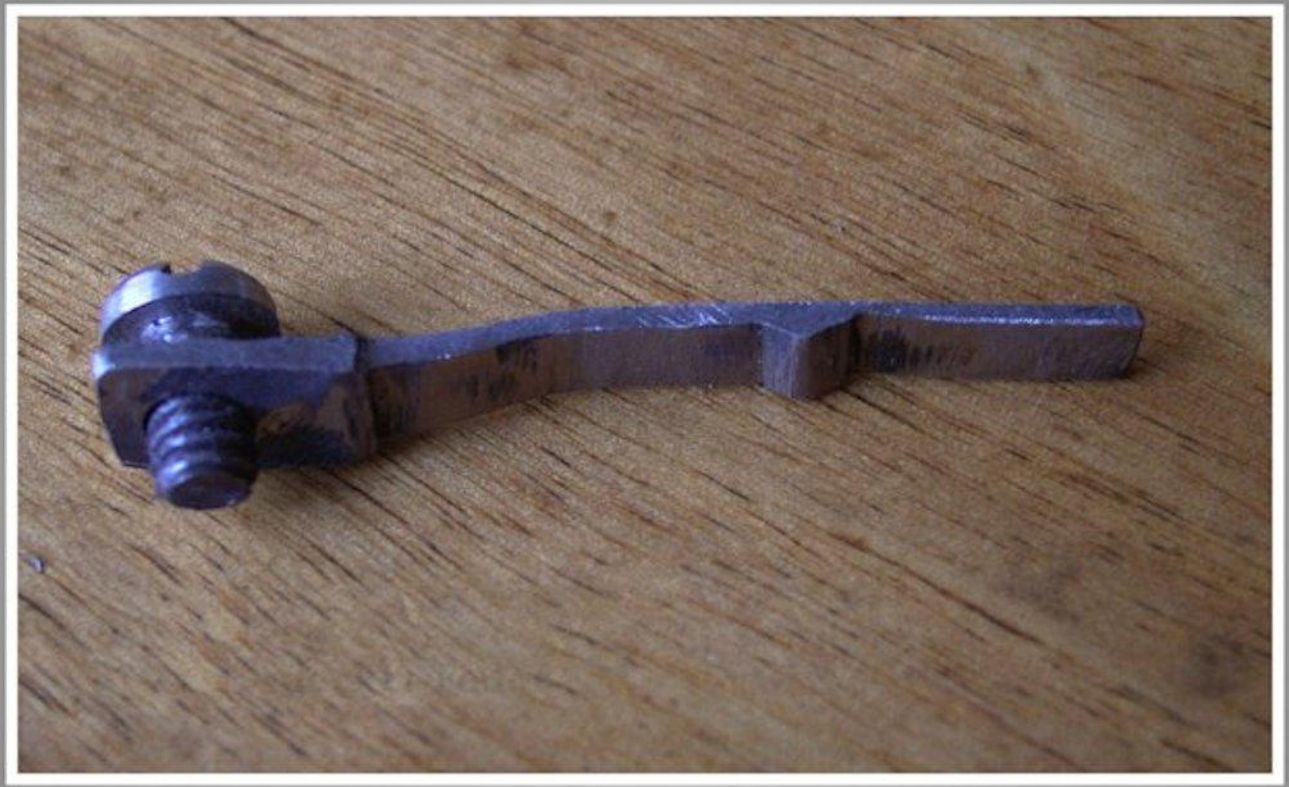
Flashpan cover with lever seen from below

Pfannendeckel-Feder



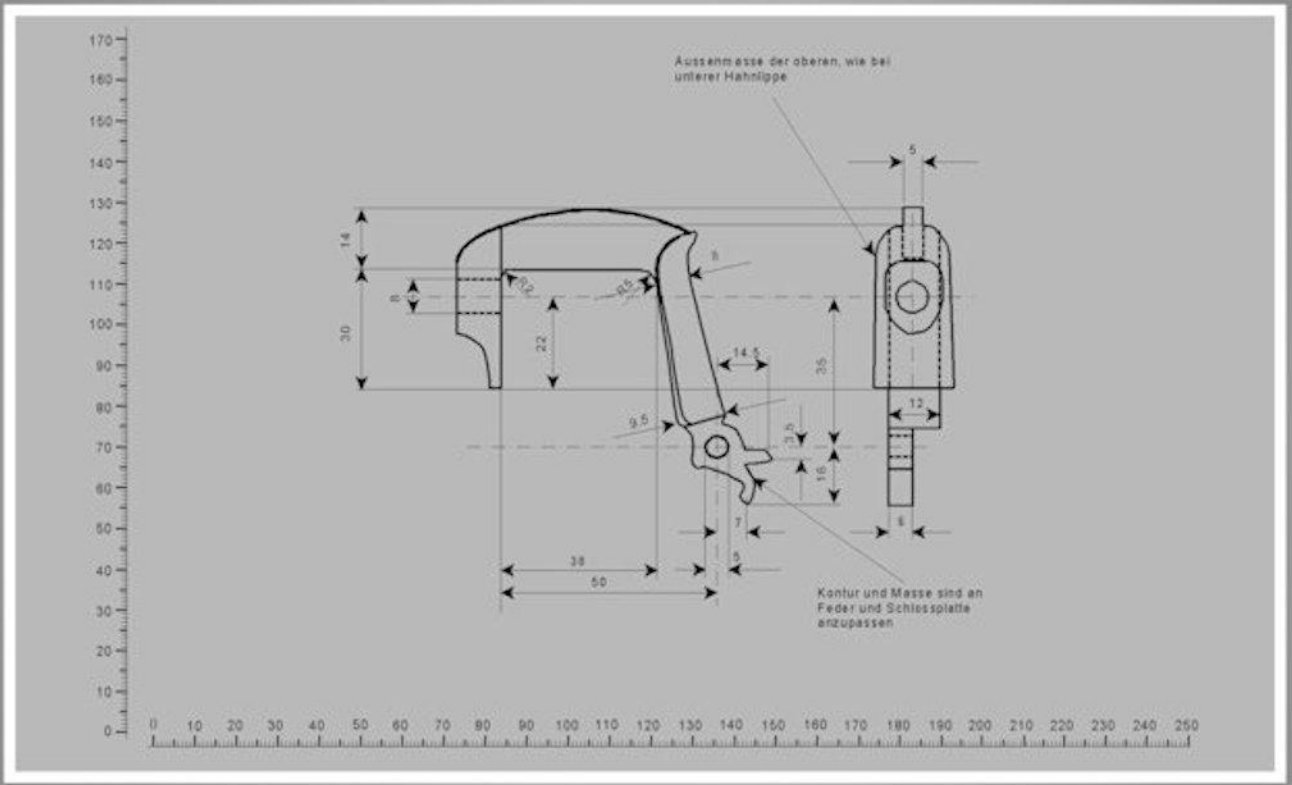
Flashpan spring

Pfannendeckel-Feder



Flashpan spring

Hahnhebel

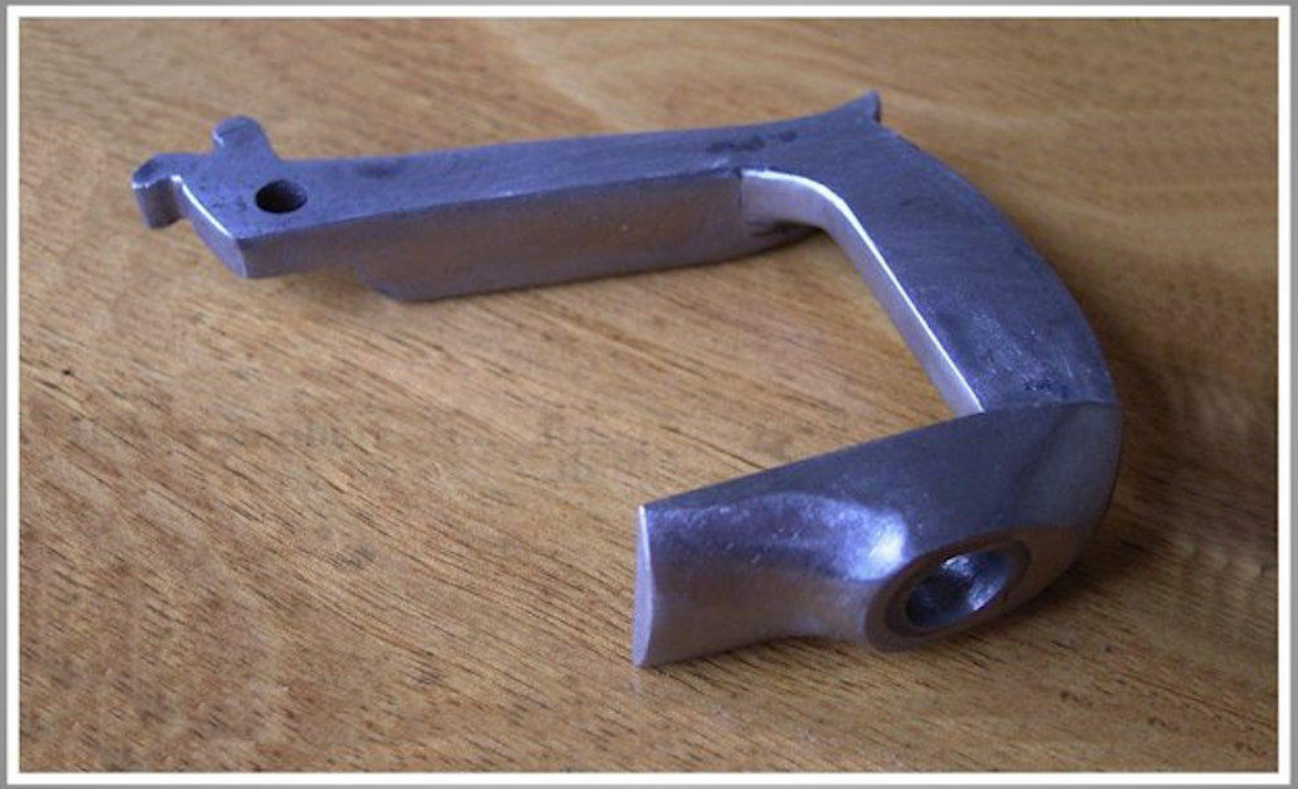


Cock lever

Hahnhebel

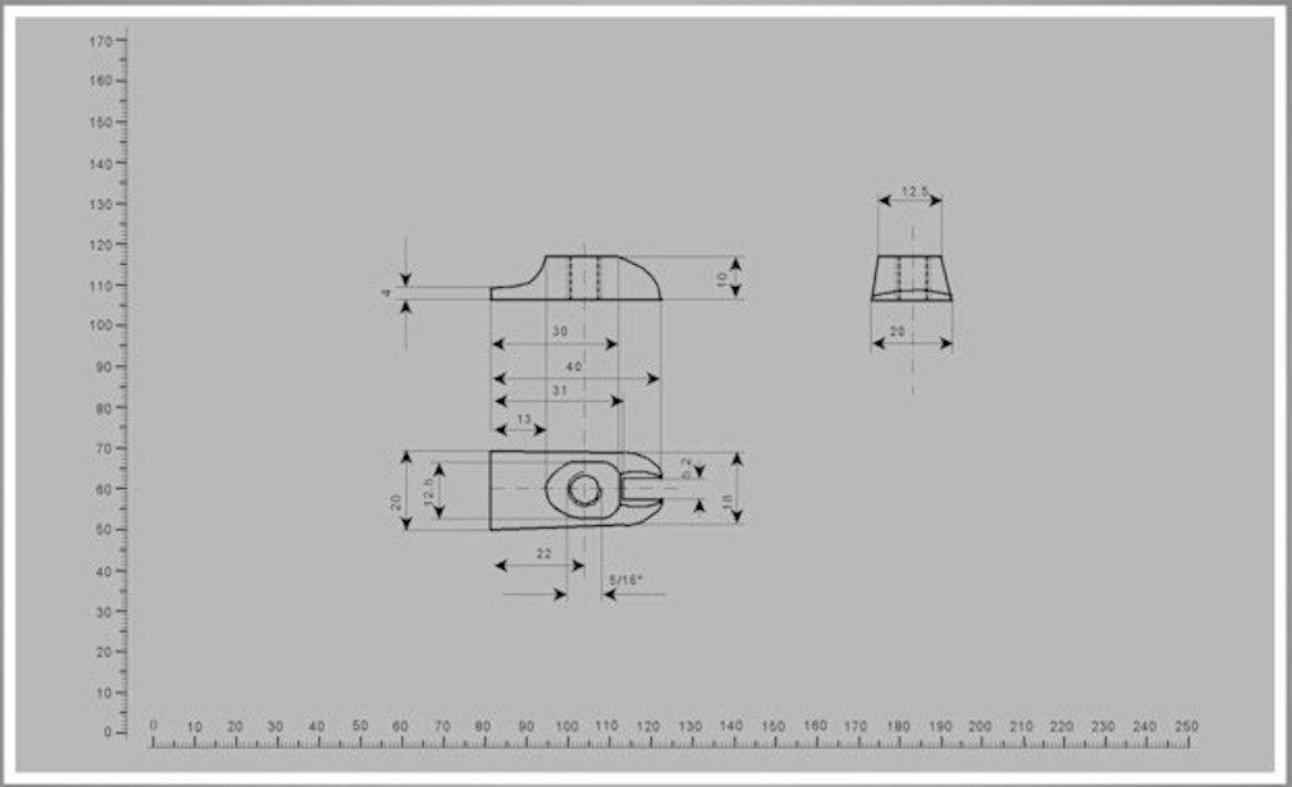
Cock lever

Obenansich von Hahnhebel



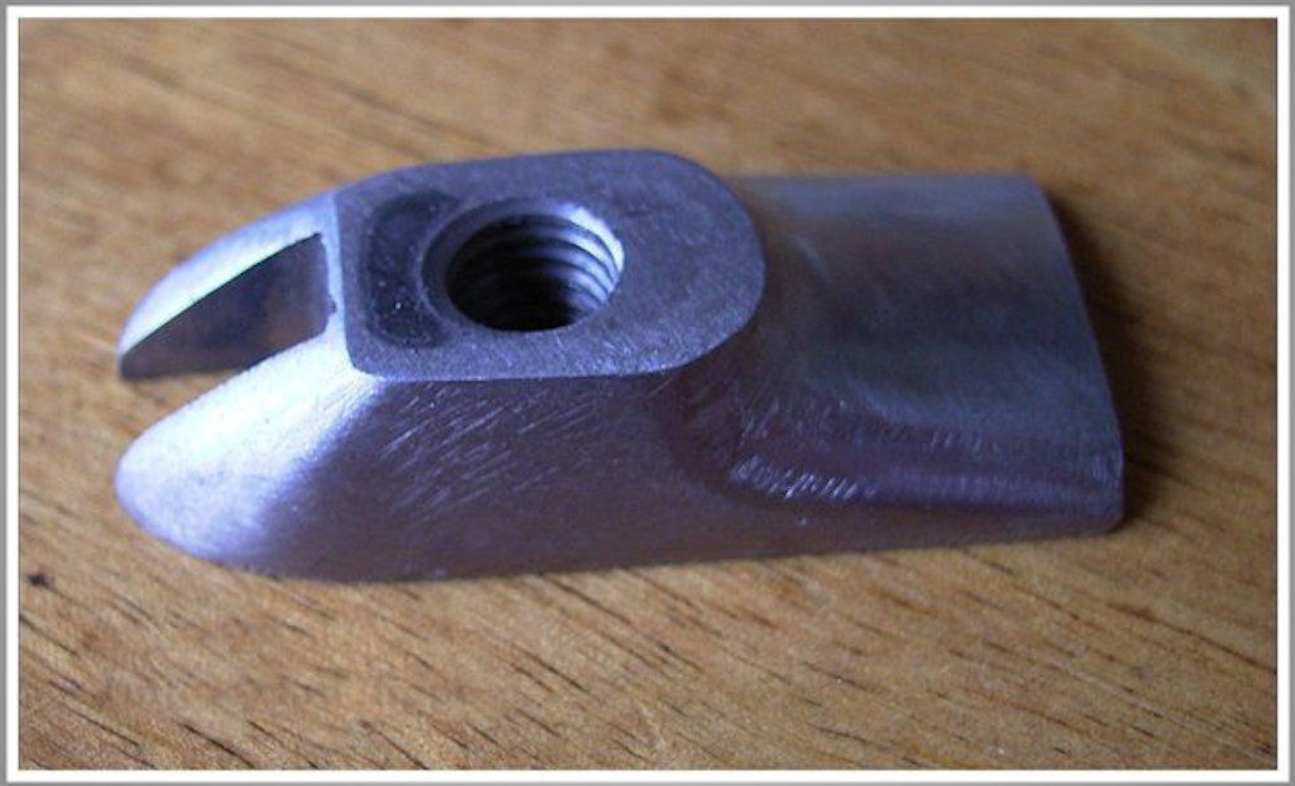
Top view of cock lever

Untere Hahnlippe



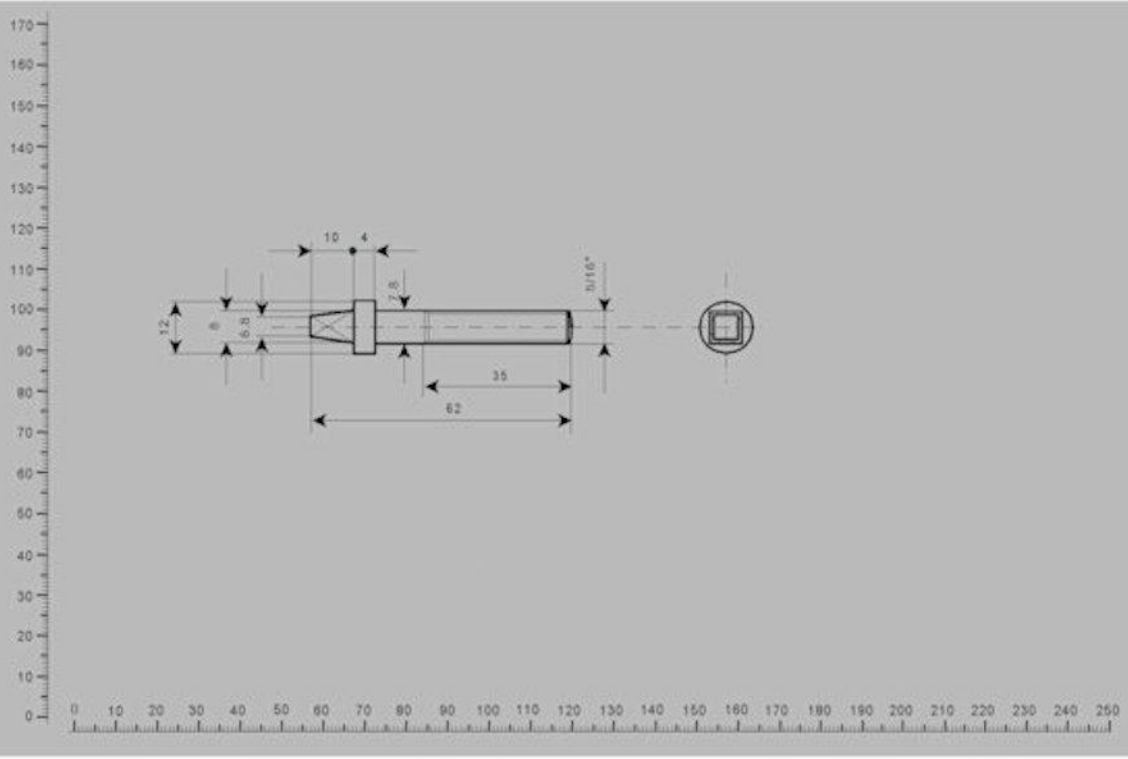
Lower cock lip

Untere Hahnlippe



Lower cock lip

Hahnschraube

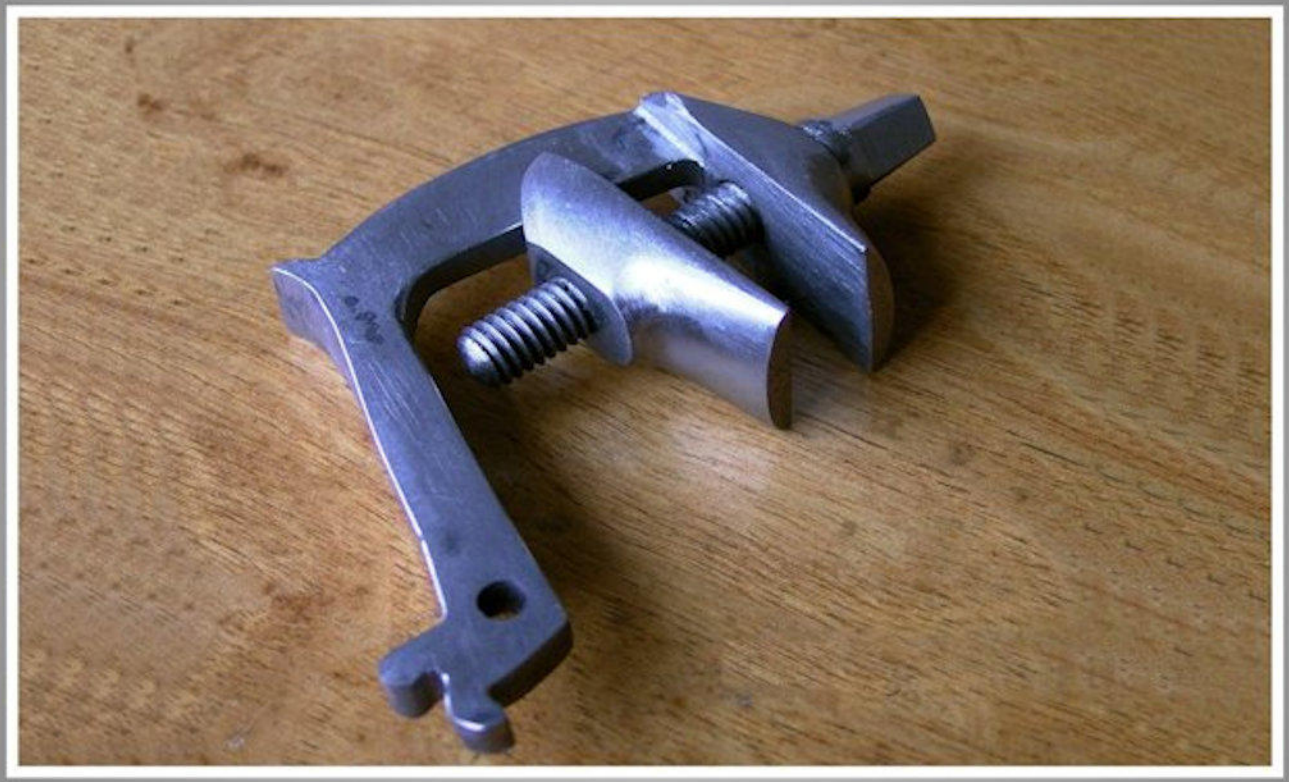


Cock screw

Hahnschraube

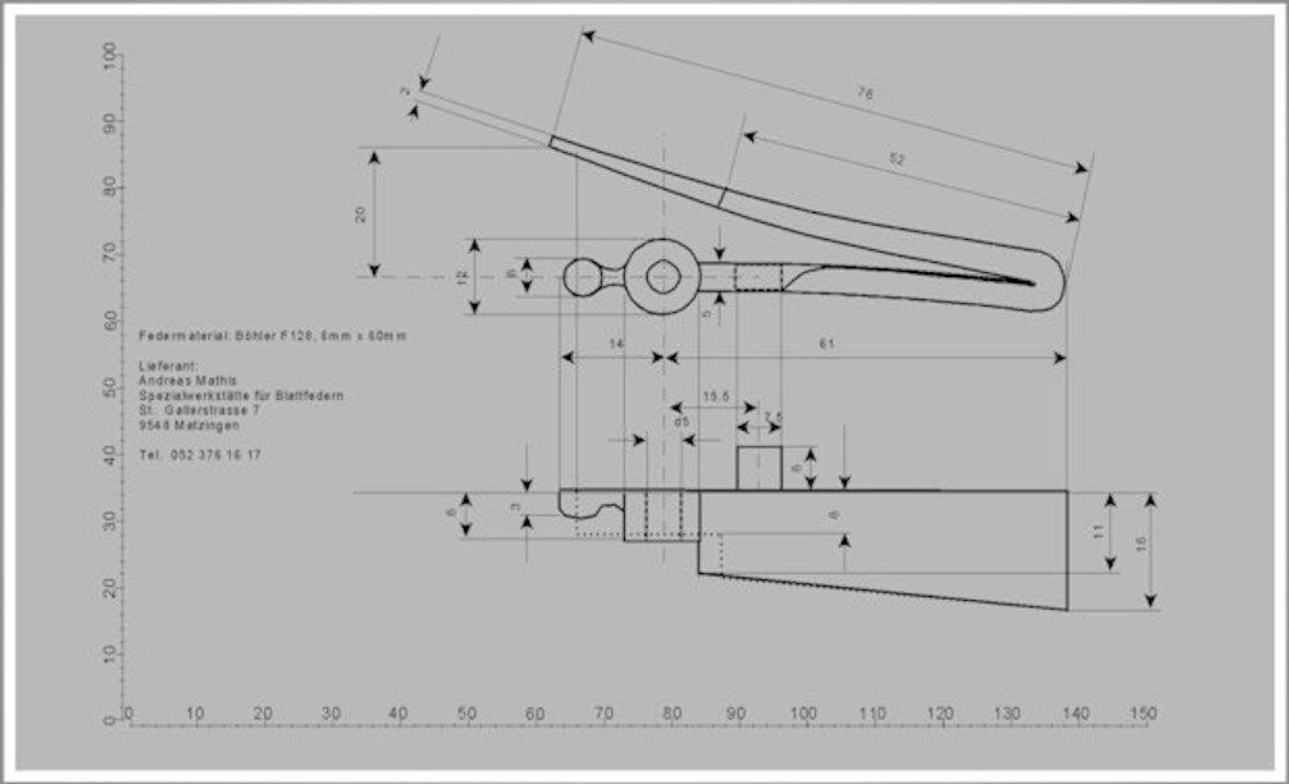
Cock screw

Zusammengebauter Hahn



Assembled cock

Hahnfeder

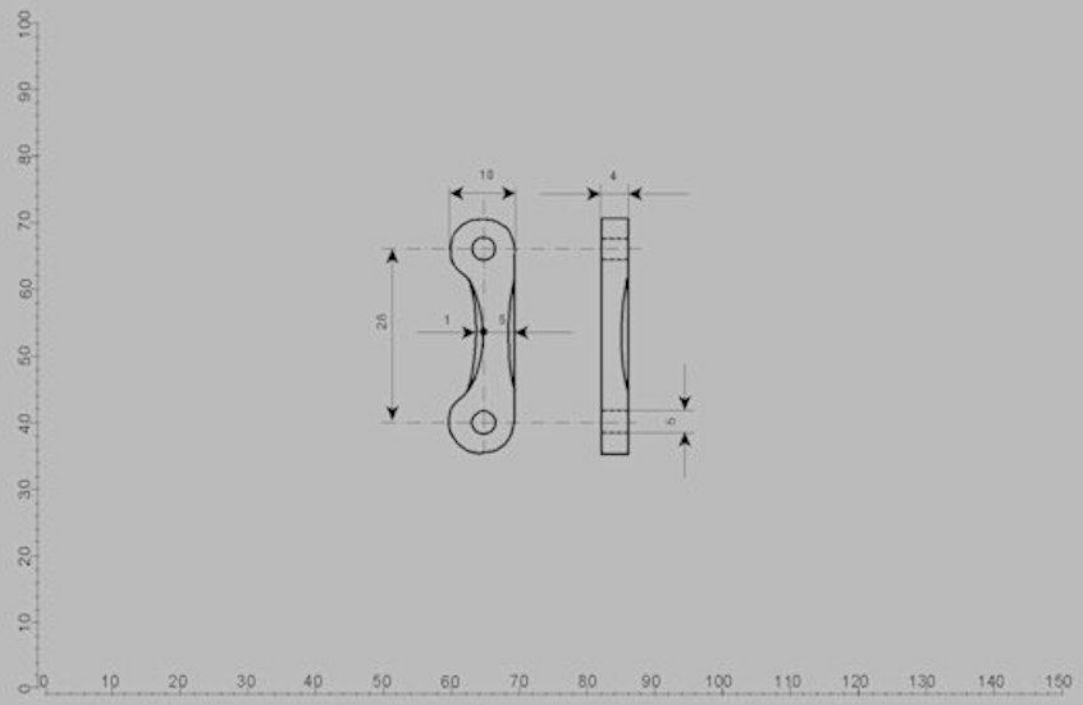


Cock spring

Hahnfeder

Cock spring

Äusseres Hahnlager

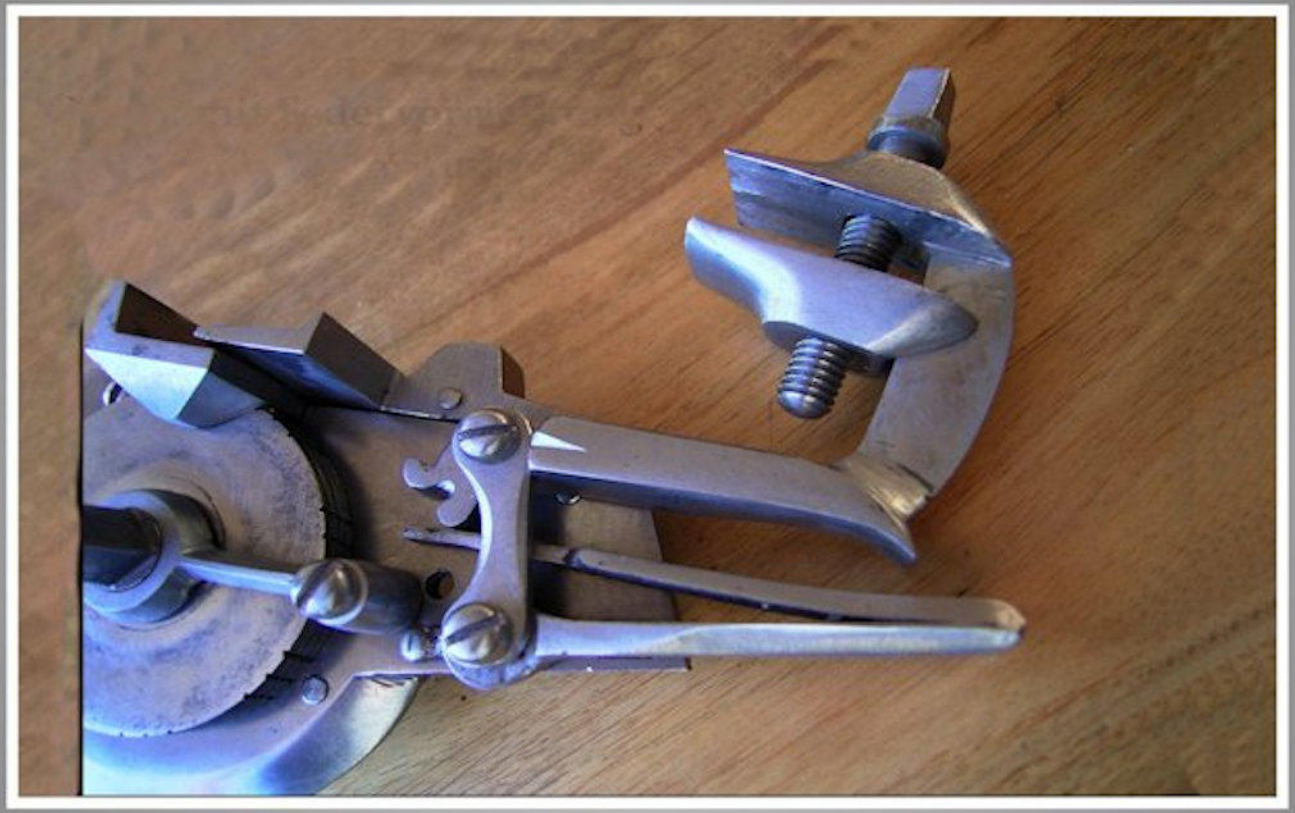


Outer cock bearing

Äusseres Hahnlager

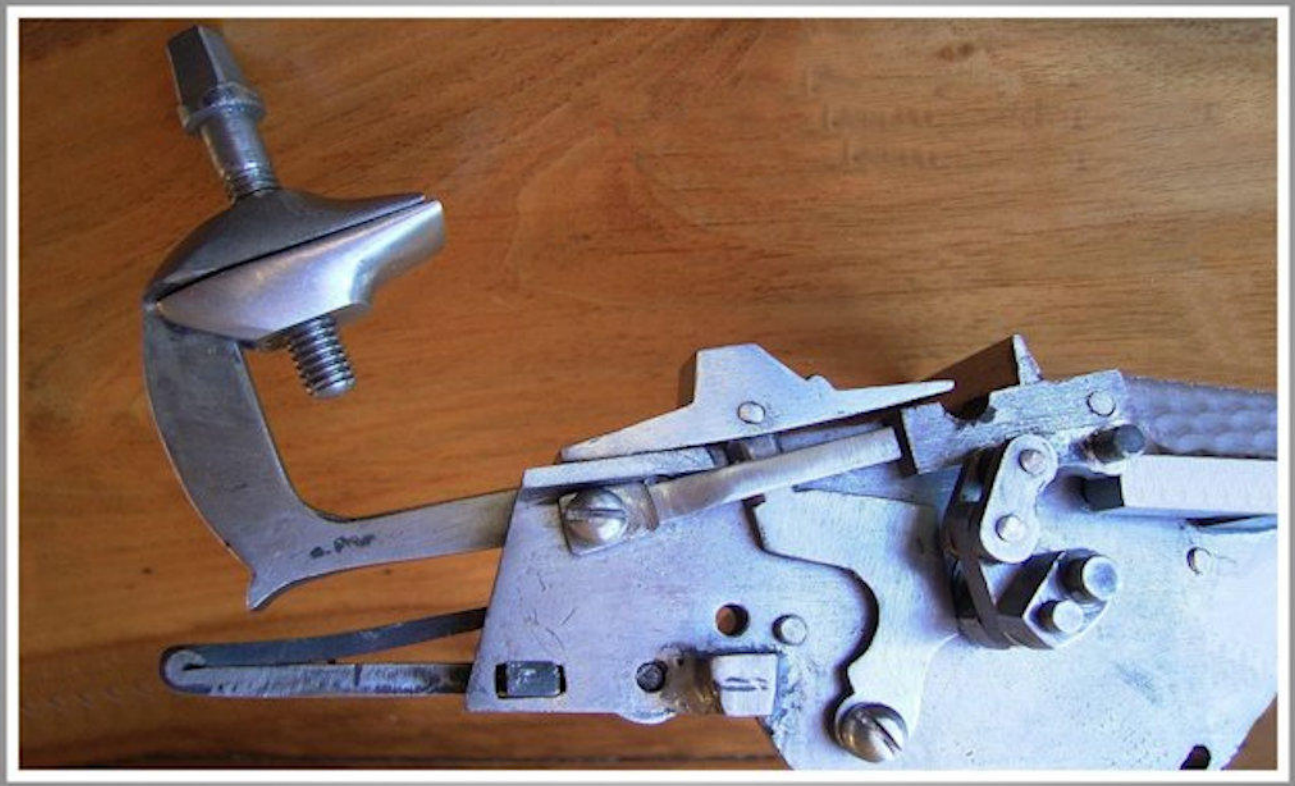
Outer cock bearing

Zusammengebaute Hahnmechanik



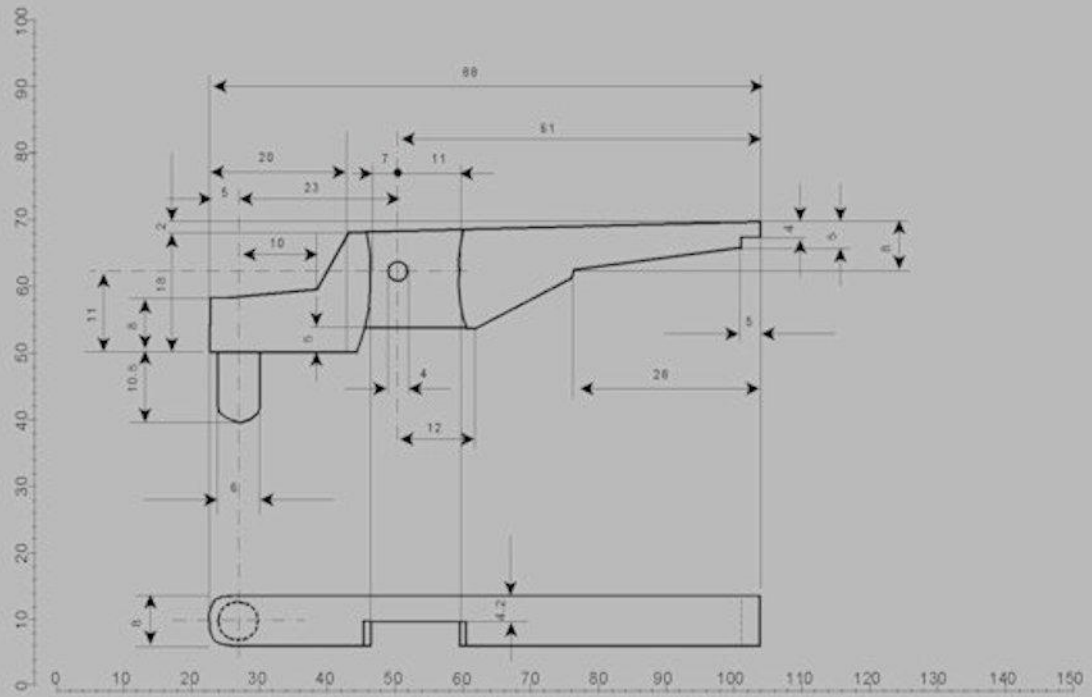
Assembled cock mechanics

Hahn-Pulverpfannen-Vorrichtung



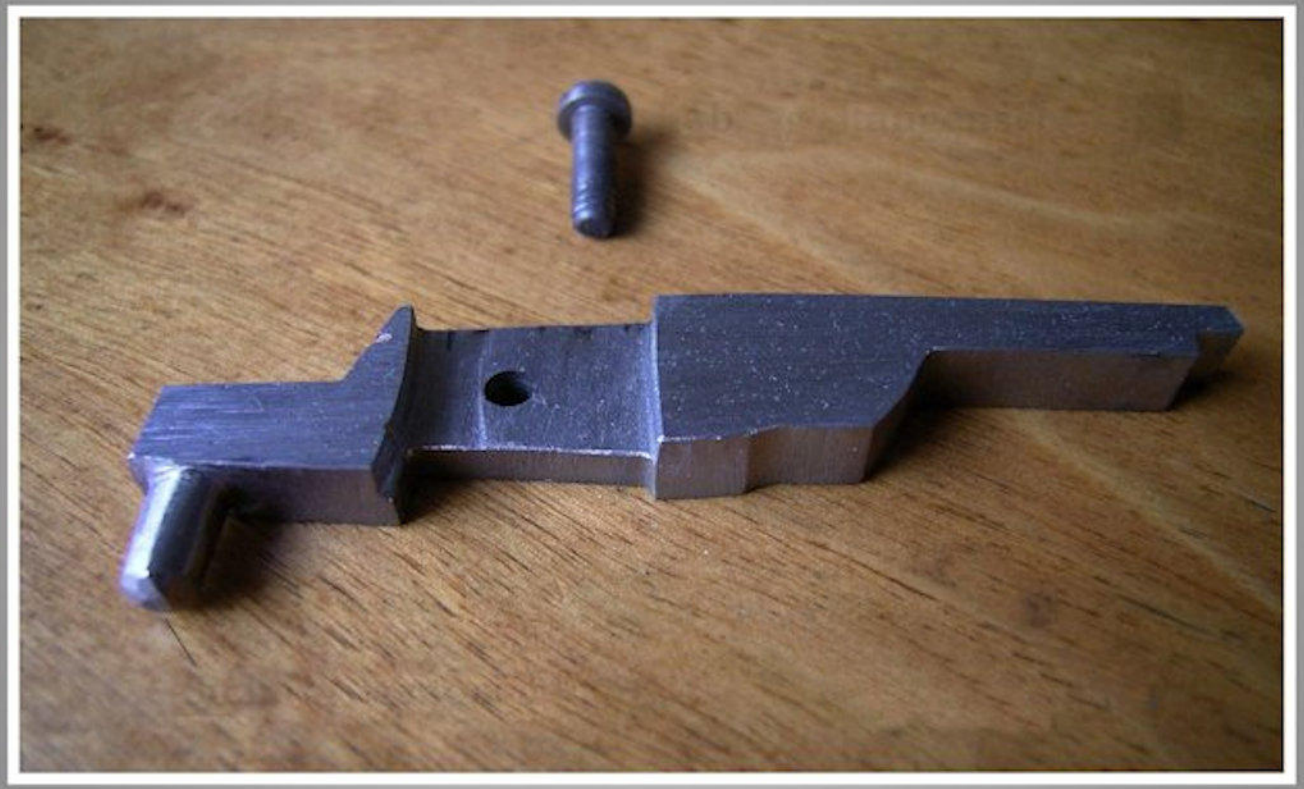
Rear view of cock and flashpan mechanics

Abzugsstange



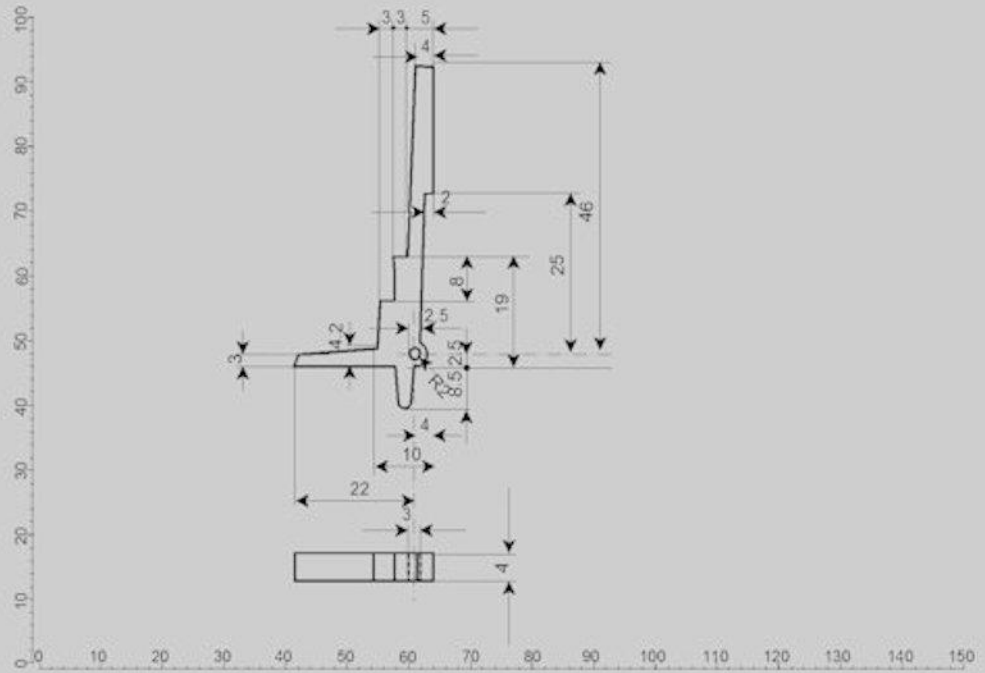
Trigger lever

Abzugsstange mit Schraube



Trigger lever with pivot screw

Abzugshebel

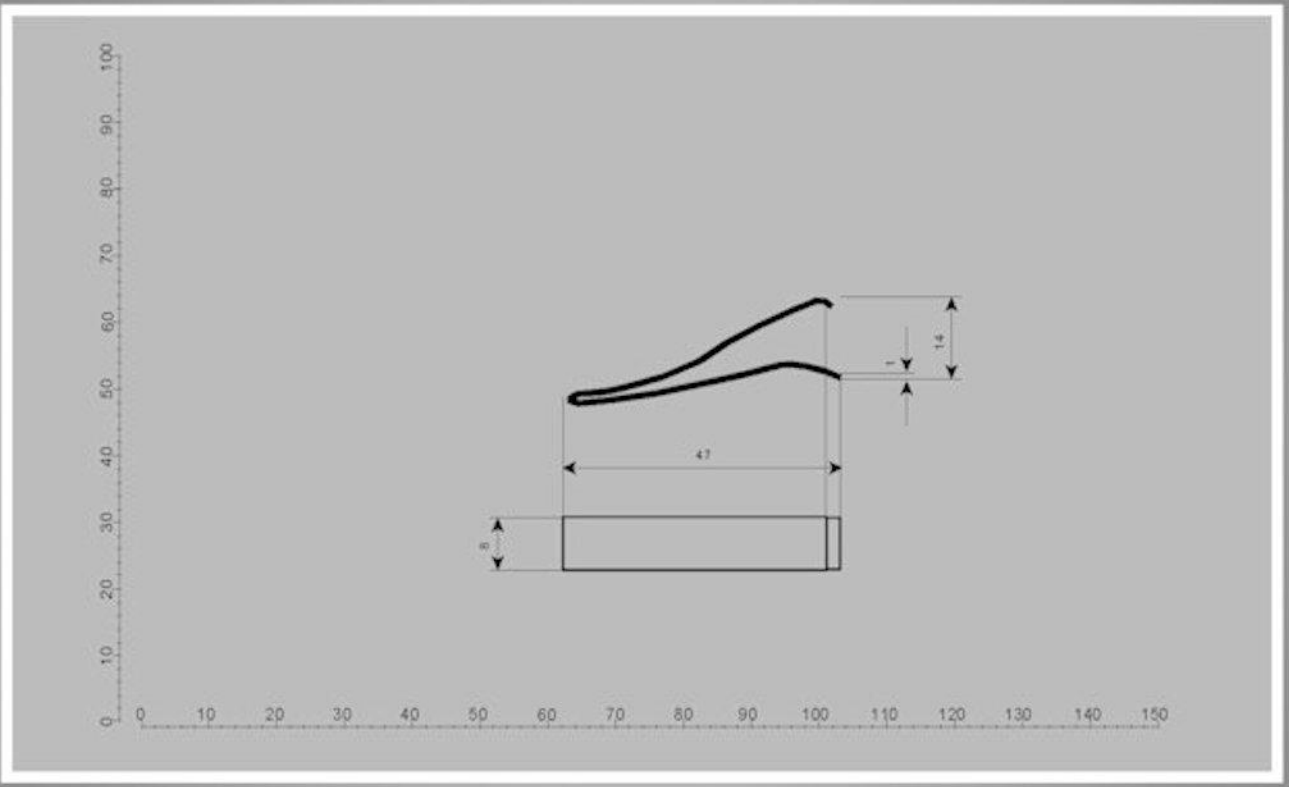


Trigger bar

Abzugshebel

Trigger bar

Abzugsfeder

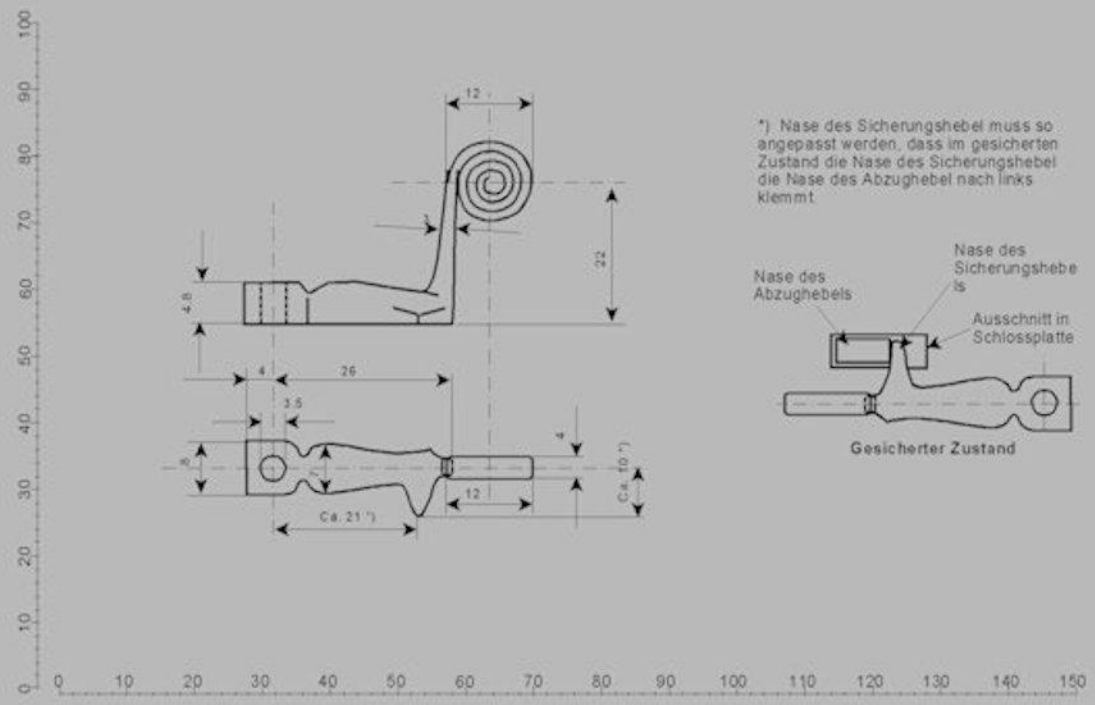


Trigger spring

Abzugsfeder

Trigger spring

Sicherungshebel

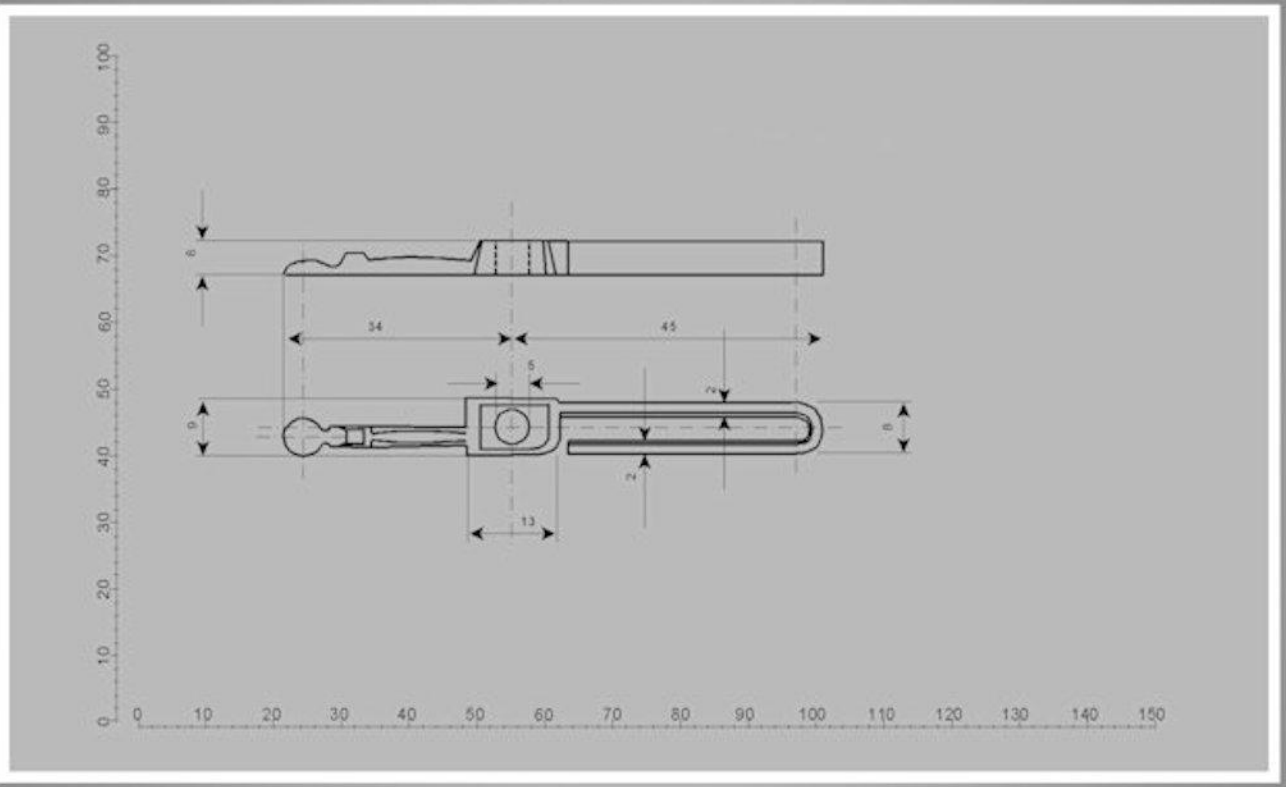


Locking lever

Sicherungshebel

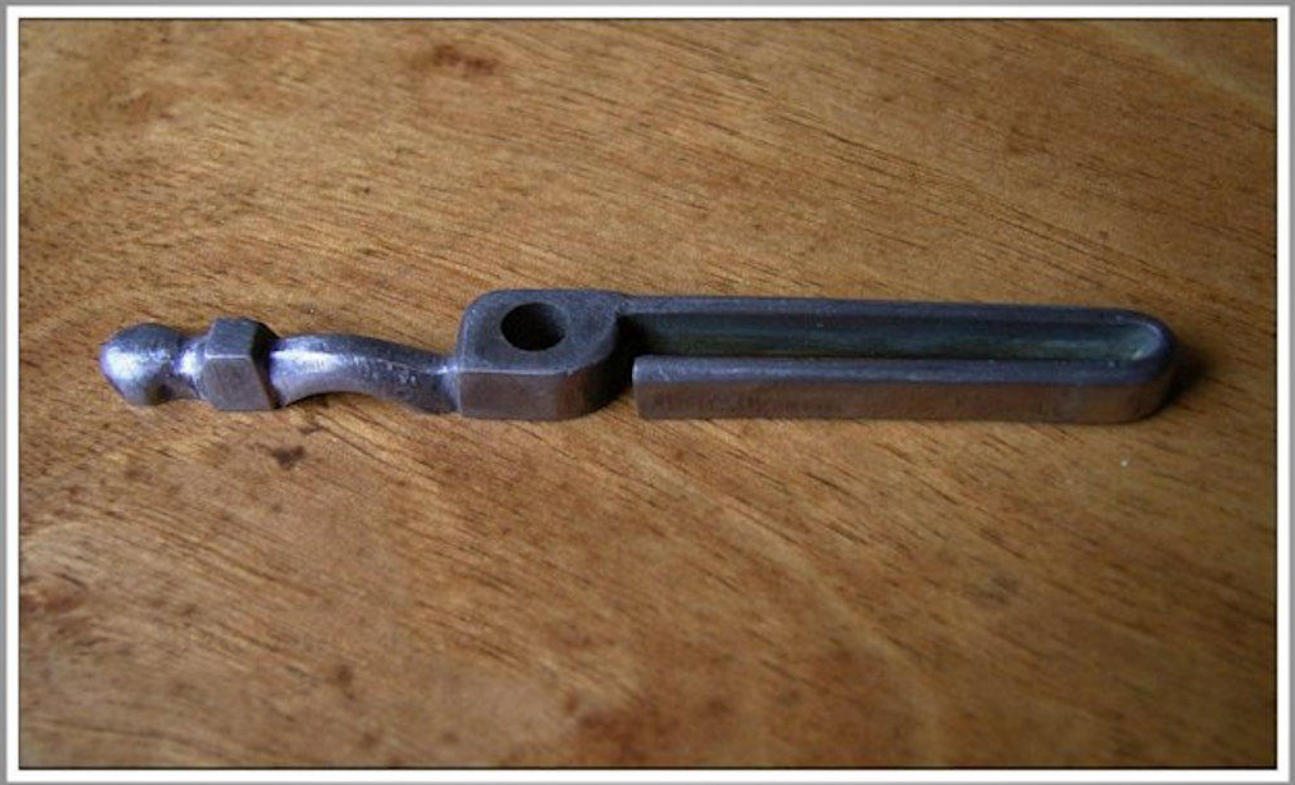
Lockeing lever

Sicherungsfeder



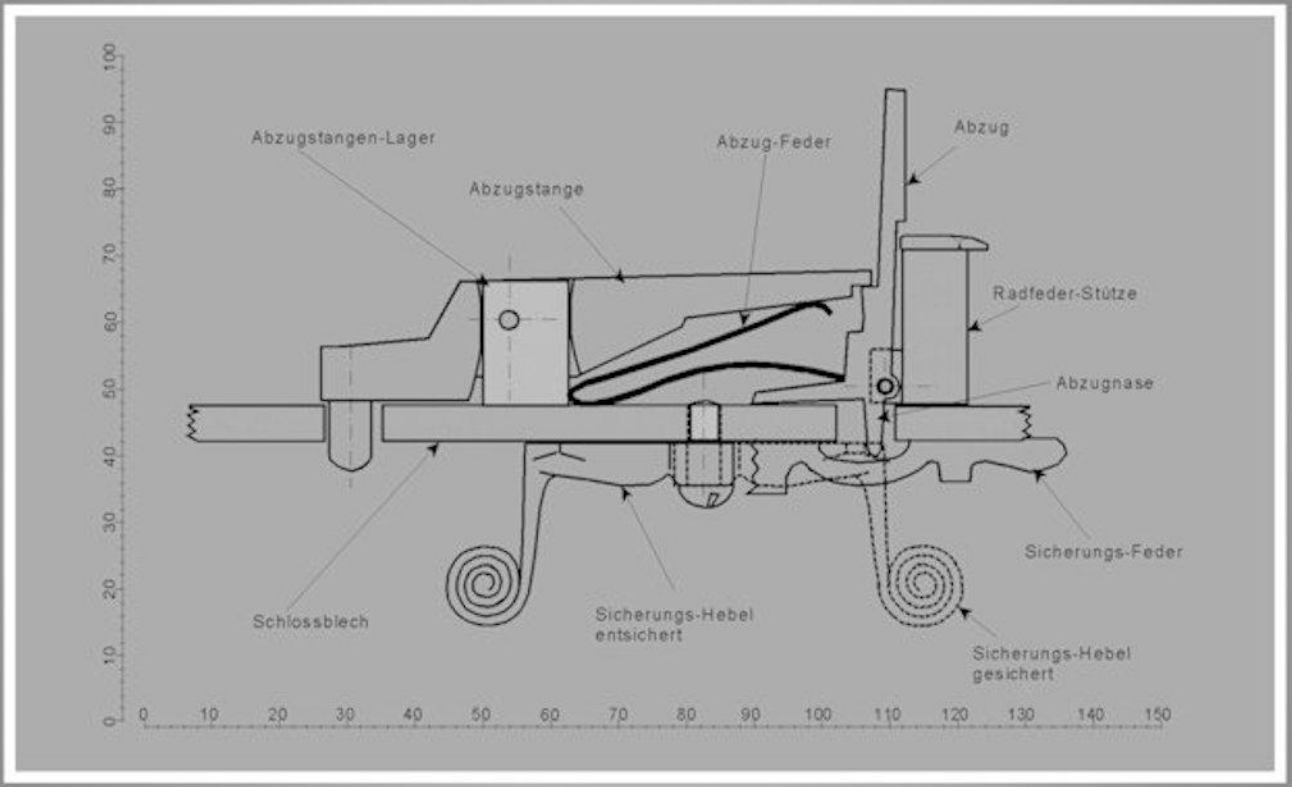
Locking spring

Sicherungsfeder



Locking spring

Abzugsvorrichtung



Trigger mechanics

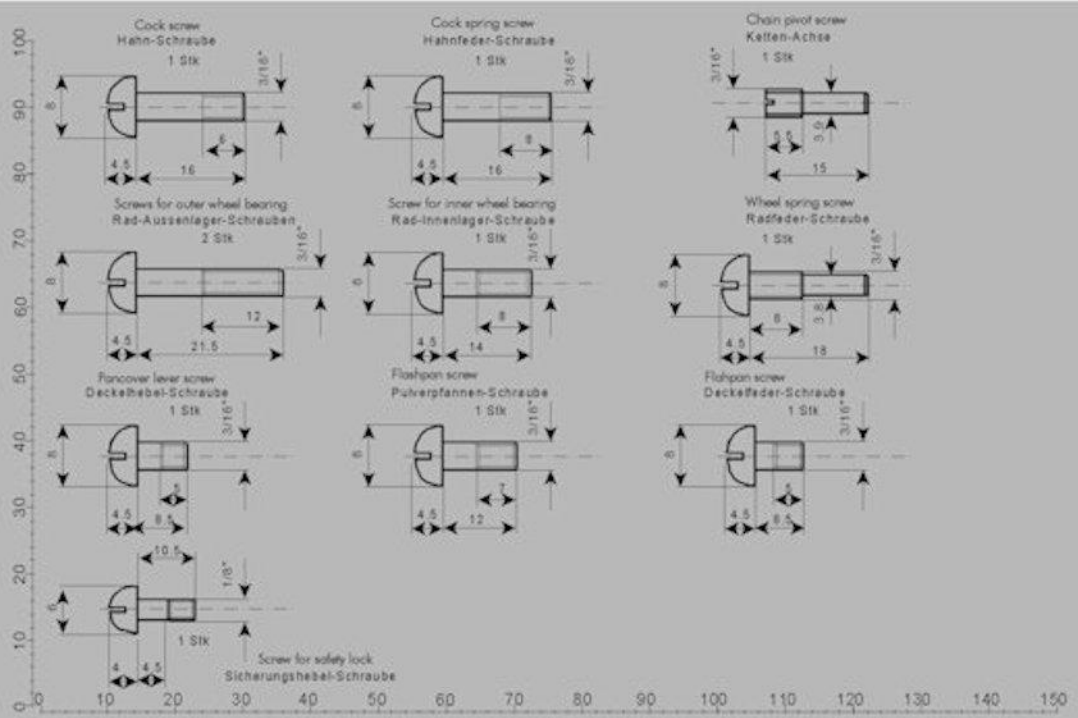
Abzugsvorrichtung, Ansicht von unten

Trigger mechanics, view from below

Vorderansicht der Sicherungsvorrichtung

Front view of the locking mechanics

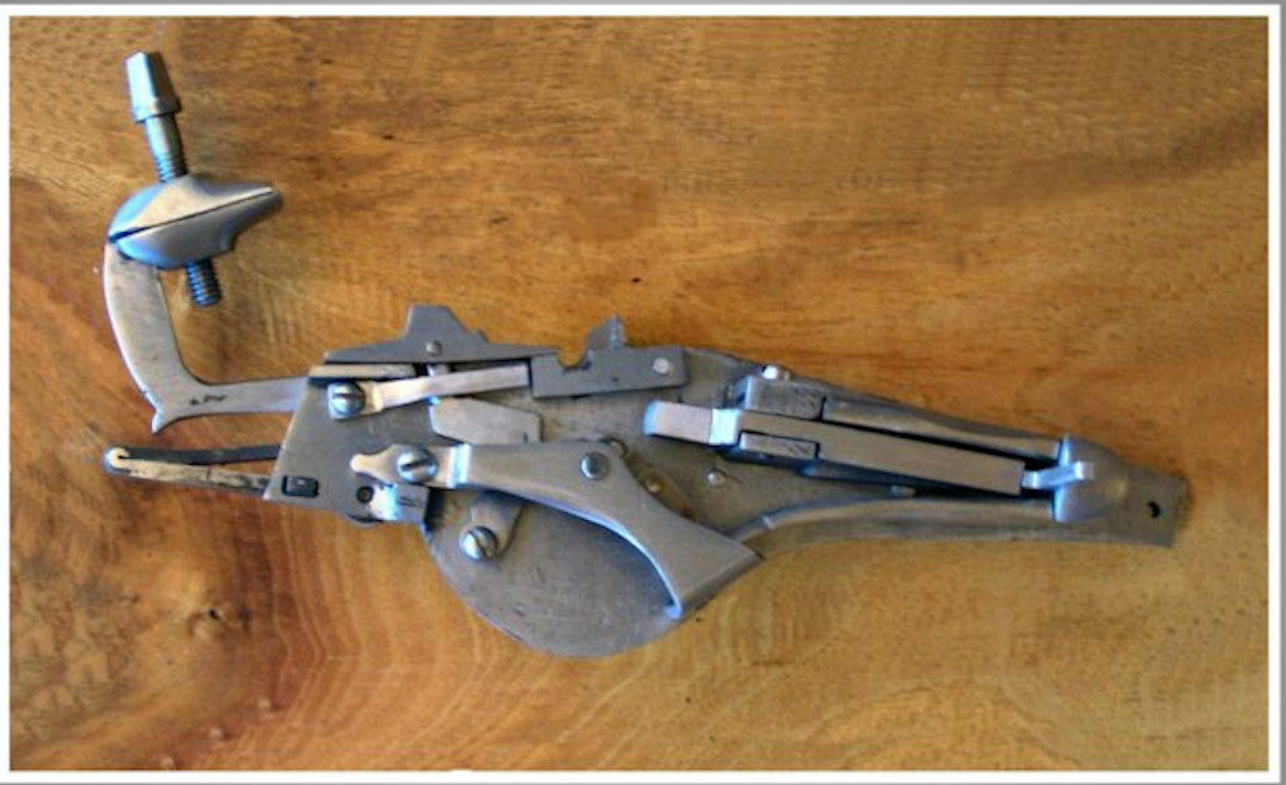
Montageschrauben

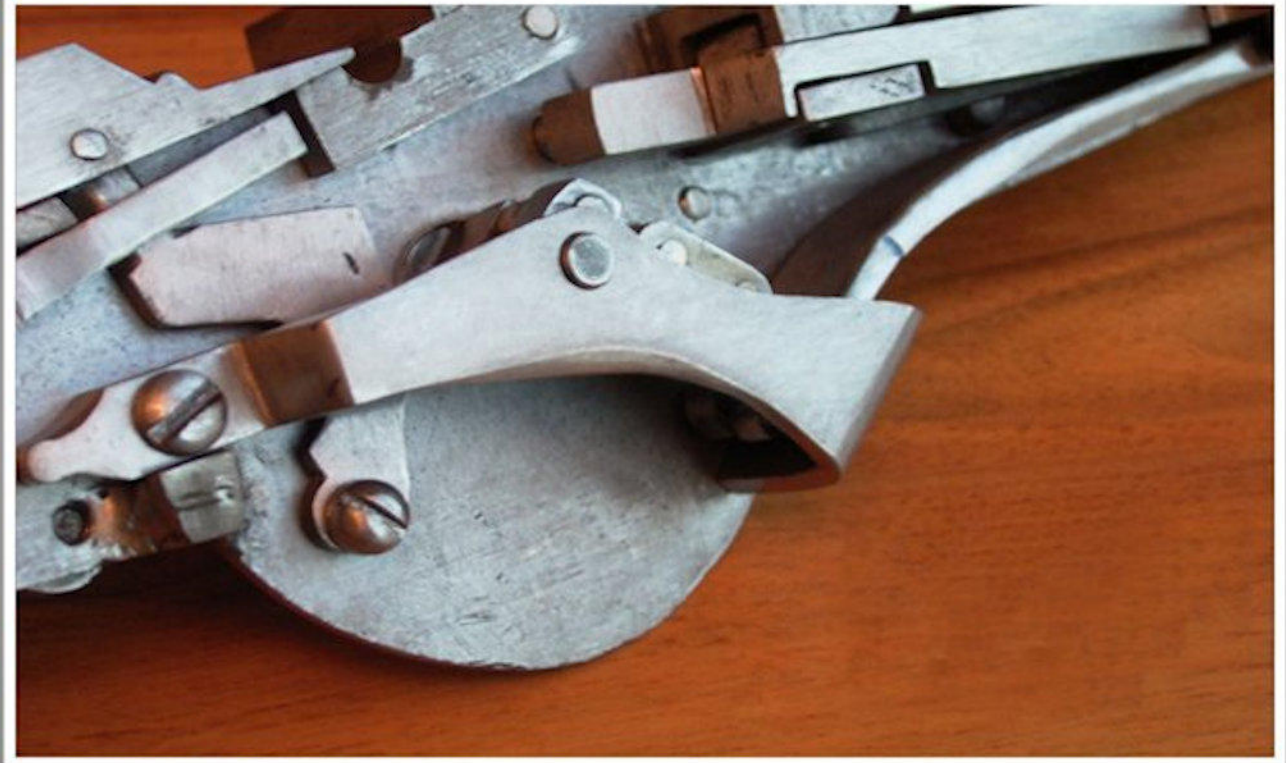


Screws of the wheellock

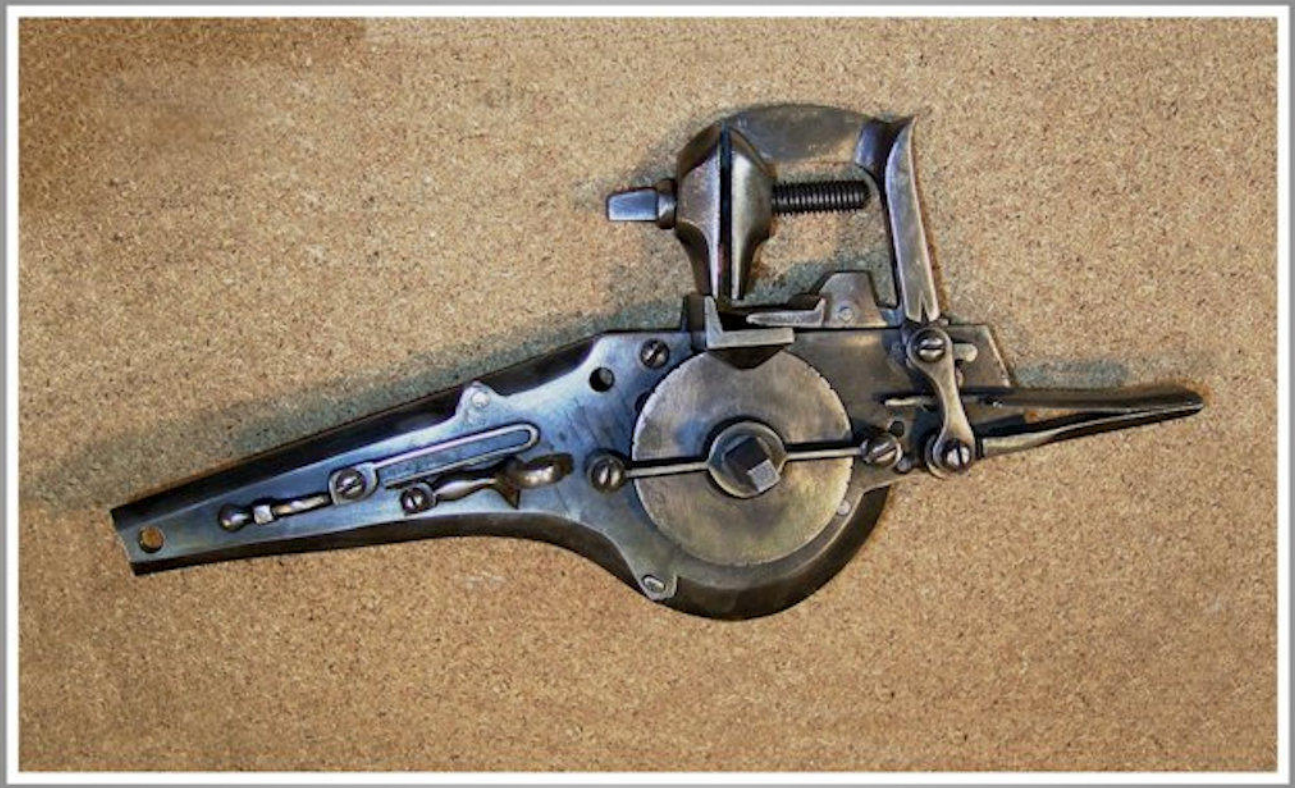
Nachgebautes Radschloss

Reproduced Wheellock





Radschloss künstlich gealtert



Wheel lock artificially adged

Zeitaufwand

10.00 Std Vorstudien

Radschloss-Nachbau:

8.00 Std	Schlossplatte	1.00 Std	Hahn-Oberlippe
5.00 Std	Rad-Achse	4.00 Std	Hahn-Unterteil
2.50 Std	Radlager innen	4.00 Std	Hahn-Feder
3.50 Std	Radlager aussen	0.50 Std	Hahn/Feder-Lasche
4.00 Std	Rad-Kette	1.50 Std	Hahn-Schraube
1.50 Std	Reib-rad	2.00 Std	Schrauben
6.00 Std	Haupt-Feder	1.50 Std	Abzug-Lager
3.00 Std	Hauptfeder-Stütze	1.50 Std	Abzug-Stange
5.00 Std	Pulverpfanne	1.00 Std	Abzug-Hebel
3.00 Std	Pfannendeckel	0.50 Std	Abzug-Feder
1.00 Std	Pfannendeckel-Hebel	3.00 Std	Sicherungs-Hebel
1.50 Std	Pfannendeckel-Feder	1.50 Std	Sicherungs-Achse
		3.00 Std	Sicherungs-Feder
		4.00 Std	Zusammenbau, Anpassen

Material-Kosten:
Federstahl Fr. 15.00
Ext. Härten Fr. 45.00

73.0 Std Total Schloss-Herstellung

10.00 Std Studies

Reproduction:

8.00 Std	Lockplate	1.00 Std	Cock lower lip
5.00 Std	Wheel pivot	4.00 Std	Cock lever
2.50 Std	Wheel bearing inside	4.00 Std	Cock spring
3.50 Std	Wheel bearing outside	0.50 Std	Cock spring bearing
4.00 Std	Chain	1.50 Std	Cock screw
1.50 Std	Wheel	2.00 Std	Lock screws
6.00 Std	Mainspring	1.50 Std	Trigger bearing
3.00 Std	Spring support	1.50 Std	Trigger lever
5.00 Std	Flashpan	1.00 Std	Trigger bar
3.00 Std	Pancover	0.50 Std	Trigger spring
1.00 Std	Cover lever	3.00 Std	Locking lever
1.50 Std	Cover spring	1.50 Std	Locking pivot
		3.00 Std	Locking spring
		4.00 Std	Assenbly

Costs for material:
Spring steal EUR 15.00
Tempering EUR 45.00

73.0 Std Total Reproduction

Time exposure

Ende

End