Cable Clamp Combination Screw

Contact details

Company: _____   Contact person: _____

T: _____   F: _____

E: _____   Quantity: _____

Head Type _____

Ødk

n   t

k

l

Screw tip
(DIN EN ISO 4753)

d DIN ISO 865-3

_____

Drive _____

l₁

b

Type B   with ribs
acc. DIN 46288

s

a

h

b

l₁
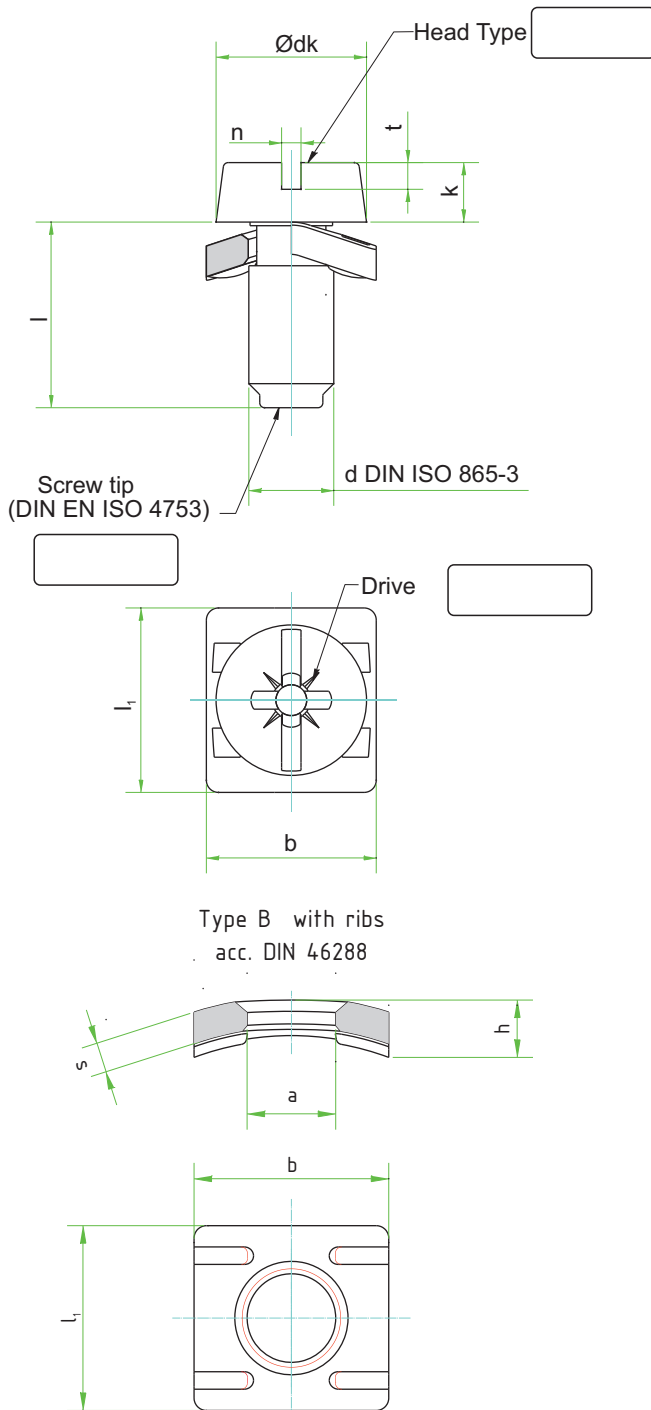
Washer

Washer length l_1 _____

Washer width b _____

Washer height h _____

Rib   yes ☐ no ☐ _____

Bore a _____

Washer thickness s _____

Washer type _____

Clamping Screw

Slotted depth t _____

Slotted width n _____

Head height k _____

Shaft length l _____

Head diameter Ødk _____

Thread diameter d _____

Property class (grade) (DIN EN 898-1): _____

Designation   all sizes in mm

Surface treatment (*DIN ISO 4042*):

_____

Particularities i.e. test / inspection instructions

_____

On the following pages you will also find more interesting facts about the screws, washers and the corrosion protection.

Please contact us, we are happy to provide individual advice

# Technical details – Terminology – Useful information

Thread acc. to
DIN ISO 965-3

M2,5; M3; M3,5; M4; M5; M6.

*Special design acc. to customer requirement,
Shaft length acc. to customer requirement*

Property classes for screw
acc. to ISO 898

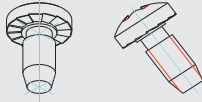| 4.8	5.8	6.8	8.8	10.9

Threaded screw
tip acc. to
DIN EN ISO 4753

Without dome (**RL**)

Flat point (**CH**)

Truncated cone (**FL**)

Short pin (**SD**)

Long cone (**LD**)

Headforms

Slotted cheese head screw
similar to DIN EN ISO 1207 (DIN 84)

Pan head screw with cross recess
similar to DIN EN ISO 7045 (DIN 7985)

Slotted pan head
similar to DIN EN ISO 1580 (DIN 85)

No standard head form
acc. to your specification

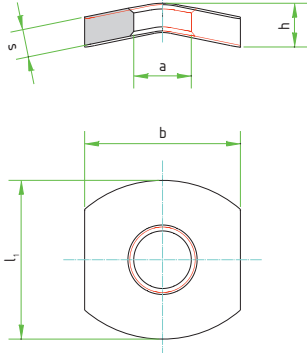---

Screw drive

Slotted

Combination drive
with cross recess form H
acc. to DIN EN ISO 4757

Combination drive
with cross recess form Z
acc. to DIN EN ISO 4757

Combination drive with
Hexalobular drive
acc. to DIN EN ISO 10664

Special drive
acc. to your specification

Locking teeth
Locking serration under the head
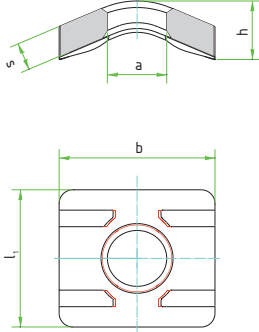to prevent the loosening of the
screw.

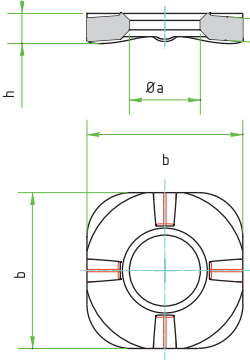
Washer shapes

Form A similar to
DIN 46288

Form A with
ribs acc. to
DIN 46288
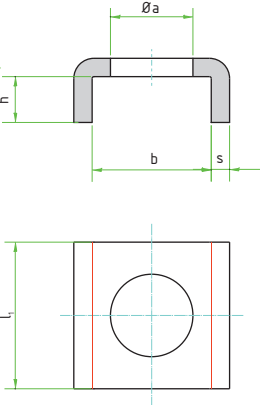
Form B acc. to
DIN 46288

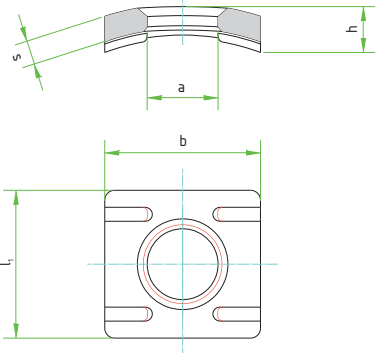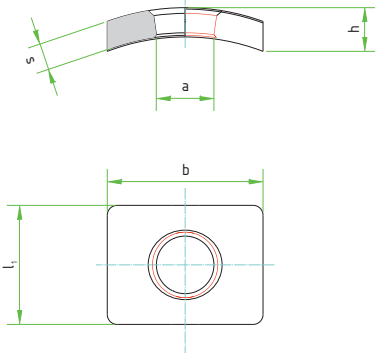
Euro washer

Clamping bracket
form E, G and C
acc. to DIN 46282

Form B with ribs
similar to DIN 46288

Technical details – Terminology – Useful information

Corrosion protection

Galvanic corrosion protection system
acc. to DIN ISO 4042

This standard determines predominantly dimensional requirements for connecting components of steel and copper alloys which should receive a galvanic coating.

DIN EN 4042 does not differentiate between chrom (VI) containing and chrom (VI) free surface coating

Example for surface coating

A surface designation must always consist of a code letter + index number + code letter

D I N I S O 4 0 4 2 - A 2 F

① Letter code of surface coating
② Index number of coating thickness
③ Letter code of gloss level and after treatment

Coating metal/composition ①		
Abbreviation	**Element**	**Code letter**
Zn	Zinc	**A**
Cu	Copper	**C**
CuNi	Copper-Nickel	**G**
ZnNi	Zinc-Nickel	**Without standard!**
Not full data only partial excerpt of ISO 4042		

Coating thickness in µ index number ②		
One coating metal	Two coating metals	**Index number**
No coating thickness specified	-	**0**
3	-	**1**
5	2+3	**2**
8	3+5	**3**
12	4+8	**4**
Not full data only partial excerpt of ISO 4042		

Gloss level	Passivation by chromating ③	Letter Code
Dull	No colour	**A**
Self colour	No colour	**E**
	bluish to bluish irridescent	**F**
	yellowish to buff irridescent	**G**
	olive-green to olive-brown	**H**
Glossy	bluish to bluish irridescent	**K**
Not full data only partial excerpt of ISO 4042		