

NEW

HKR 672 M

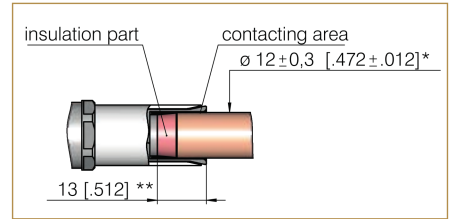
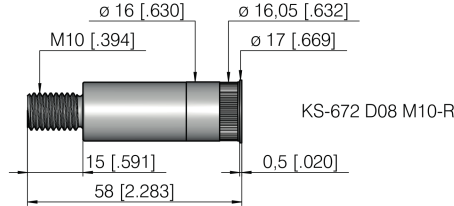
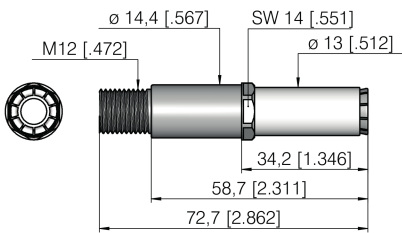
High Current Clamps
for Round Post-Ø 8,0/10,0/12,0 mm

Grid:
≥ 18,00 mm
≥ 700 Mil

Installation height with KS: 33,5 mm (.1319) - 34,7 mm (1.366)
Recommended stroke: 4,0 mm (.157) respect. 4,4 mm (.173)

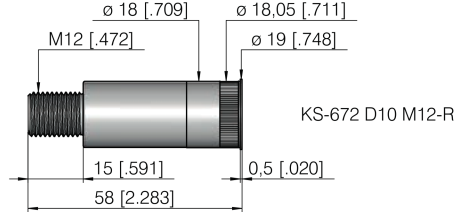
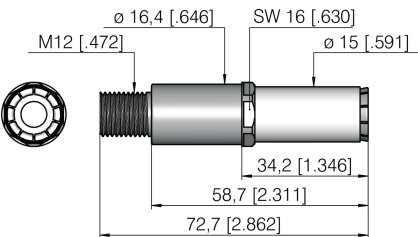
Mounting and functional dimensions

HKR-672 800 130 S 20004 M
(for 8 mm tip diameter)

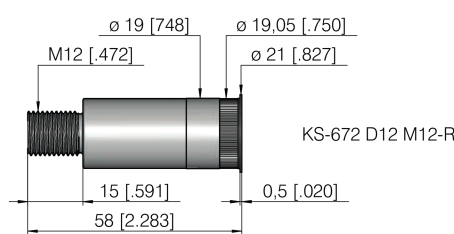
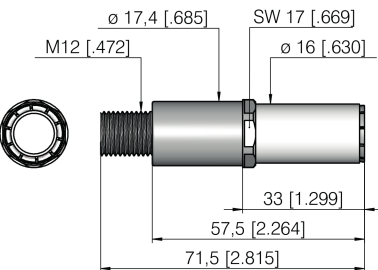


Example of contacting with HKR-672 ... M, Ø 12 mm

HKR-672 1000 130 S 20004 M
(for 10 mm tip diameter)



HKR-672 1200 130 S 20004 M
(for 12 mm tip diameter)



Note:

The high current clamps **HKR-672 M** enable the reliable contacting of round posts and threads. When contacting, the contact lamellas are pressed on the bolt without scratching it. The high current clamps are especially recommended for round contacts with contact protection, which cannot be contacted from the top.

The **HKR-672 M** are also ideal for harsh testing conditions with vibrations, contamination and longer testing cycles because of its robust design.

Note:

High current clamps for further round post-Ø and immersion depth (round post lengths) upon request.

Materials

Plunger: BeCu, silver-plated
Barrel: Brass, silver-plated
Spring: Stainless steel
Receptacle: Brass, silver-plated

Operating temperature

Standard: -100° up to +200° C

Mounting hole size

in CEM1 and FR4

for KS-672 D08 M10-R: Ø 16,00 - 16,02 mm (.6299 - .6307)

for KS-672 D10 M12-R: Ø 18,00 - 18,02 mm (.7087 - .7094)

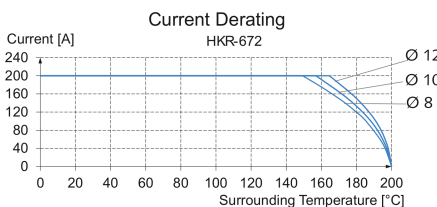
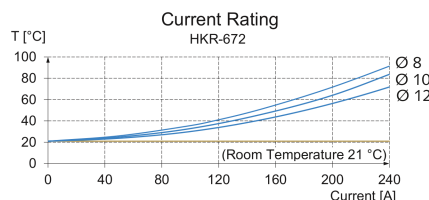
for KS-672 D12 M12-R: Ø 19,00 - 19,02 mm (.7480 - .7488)

Recommended tightening torque

HKR-672 M in KS-672: 2 Nm
Cable at HKR-672 M: 2 Nm

Electrical data

Current rating (at room temp.): max. 200 A



Round post to be contacted

Min. immersion depth bolt: ** 13 mm (.512)
Round post-Ø: * 8,0 mm ± 0,3 mm (.315 ± .012)
10,0 mm ± 0,3 mm (.394 ± .012)
12,0 mm ± 0,3 mm (.472 ± .012)

Mechanical data

Min. immersion depth bolt: ** 13,0 mm (.512)

Working stroke

HKR-672 800: 4,0 mm (.157)
HKR-672 1000: 4,0 mm (.157)
HKR-672 1200: 4,4 mm (.173)
Max. working stroke: 5,5 mm (.217)
Spring force at work. stroke: 20 N (72oz)

Ordering example

High current clamp (Ø 8 mm):

High current clamp (Ø 10 mm):

High current clamp (Ø 12 mm):

Receptacles:

Series

Round post-Ø
(1/100 mm)

Immersion depth
(1/10 mm)

Plating
S = Silver

Spring force
(dN)

Collar height
(mm)

Type

H K R	6 7 2	8 0 0	1 3 0	S	2 0 0	0 4	M
H K R	6 7 2	1 0 0 0	1 3 0	S	2 0 0	0 4	M
H K R	6 7 2	1 2 0 0	1 3 0	S	2 0 0	0 4	M
K S - 6 7 2 D 0 8 M 1 0 - R				K S - 6 7 2 D 1 0 M 1 2 - R			
K S - 6 7 2 D 1 2 M 1 2 - R							

All specifications are subject to change without prior notification

Dipole HSS
Robust HSS