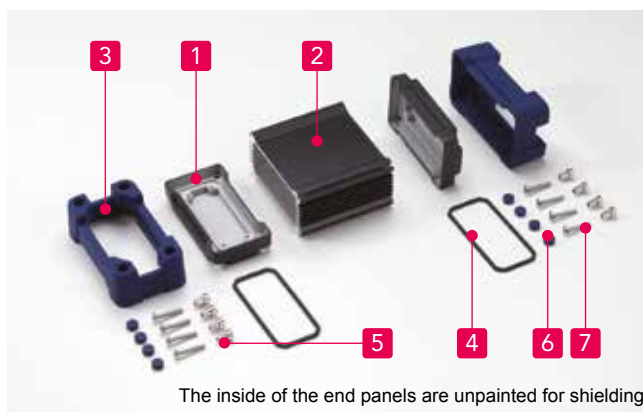


Serie AWP mit Silikon- Protektoren - Schutzart IP67

Series AWP with silicon protectors - protection grade IP67



The inside of the end panels are unpainted for shielding.

Technische Daten

Schutzklasse: IP67
Temperaturbereich: -40°C ~ +105°C
Empfohlenes Drehmoment:
1.0N • m (10kgf • cm)

Technical Data

Protection class: IP67
Operating temperature: -40°C ~ +105°C
Recommended torque:
1.0N • m (10kgf • cm)

- Schlagfestes Gehäuse mit Silikon-Schutz-Protektoren.
- Speziell konzipiert zur Kühlung, EMV-Schutz und Schutzklasse IP67.
- Integrierte Nuten dienen als Führung für Leiterplatten oder Montageplatten.
- Verfügbar in 30 Größen und 8 Farbvarianten, insgesamt 240 Auswahlmöglichkeiten.
- Geeignet für Messgeräte, Industriegehäuse, Kameragehäuse uvm.

- Strong impact resistant enclosure with tough silicone boot protectors.
- Specifically designed with heat dissipation effect, EMC shielding and IP67 rating.
- PCB or chassis can be horizontally mounted by sliding into an inner-grooved body frame.
- Available in 30 sizes and 8 different color combinations. Selectable from a total of 240 different combinations.
- Suitable for measuring instruments, industrial control box, industrial camera housing, etc.

Einzelteile

Nr.	Bezeichnung	Stück	Material	Farbe / Oberfläche
1	Endplatte	2	Aluminiumdruckguss	Silber • Schwarz / lackiert
2	Profil	1	Aluminiumprofil	Silber • Schwarz / eloxiert
3	Protektor	2	Silikon	Schwarz • Grau • Navy • Gelb
4	leitfähige Dichtung	2	leitfähiges Silikon	Schwarz
5	Abstandshalter	8	Messing	vernickelt
6	Blindstopfen	8	Silikon	Schwarz • Grau • Navy • Gelb
7	Schraube	8	Edelstahl	unbehandelt

Components

No.	Part name	Pcs	Material	Color / Finish
1	End panel	2	Diecast aluminium ADC12	Silver • Black / Painted (unfinished inside)
2	Body frame	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
3	Protector	2	Silicone	Black • Gray • Navy • Yellow
4	Conductive gasket	2	Conductive silicone	Black
5	Spacer	8	Brass	Nickel plated
6	Blind cap	8	Silicone	Black • Gray • Navy • Yellow
7	Screw	8	Stainless steel	Unfinished

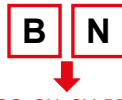
Serie AWP mit Silikon- Protektoren - Schutzart IP67

Series AWP with silicon protectors - protection grade IP67

Farbvariante - Color Type

Code	 Silber / Schwarz  Silver / Black	 Silber / Grau  Silver / Gray	 Silber / Navy  Silver / Navy	 Silber / Gelb  Silver / Yellow
Color - Farbe				
Code	 Schwarz / Schwarz  Black / Black	 Schwarz / Grau  Black / Gray	 Schwarz / Navy  Black / Navy	 Schwarz / Gelb  Black / Yellow
Color - Farbe				

Produkt-Nr. / Product no. : AWP7-7-8



Farbcode SB, SG, SN, SY, BB, BG, BN or BY.
Color code SB, SG, SN, SY, BB, BG, BN or BY.

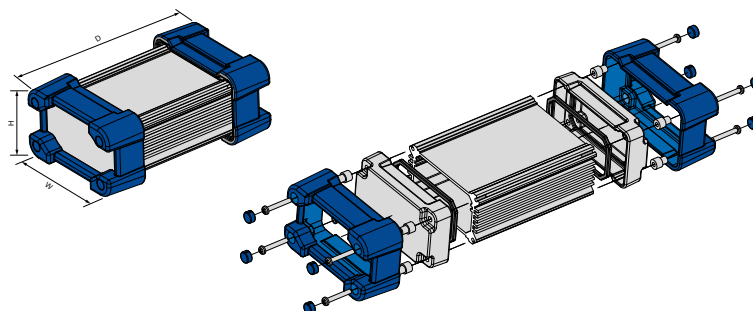
※ Thermal resistance test condition

- Ambient air cooling
- Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
- Anodized aluminium extrusion
- Heat source is applied on the opposite side (inner side) of the fins.

Best-Nr. / Maße - Product no. / Dimensions

Best-Nr. Product no.	W	H	D	※Wärmewiderstand (°C/W) ※Thermal resistance rate (°C/W)	Gewicht (g) Weight (g)
AWP 7-7- 8□□	72.4(65.8)	73.6(65.8)	104 (80)	4.41	363.5
AWP 7-7-11□□	72.4(65.8)	73.6(65.8)	134(110)	3.5	419
AWP 7-7-15□□	72.4(65.8)	73.6(65.8)	174(150)	2.83	493.5
AWP 7-7-20□□	72.4(65.8)	73.6(65.8)	224(200)	2.33	586
AWP 7-7-25□□	72.4(65.8)	73.6(65.8)	274(250)	2.02	679
AWP 8-5- 9□□	87.4(80.8)	53.6(45.8)	114 (90)	5.97	353.5
AWP 8-5-12□□	87.4(80.8)	53.6(45.8)	139(115)	5.01	394.5
AWP 8-5-14□□	87.4(80.8)	53.6(45.8)	164(140)	4.37	436
AWP 8-5-18□□	87.4(80.8)	53.6(45.8)	199(175)	3.76	493.5
AWP 9-9-10□□	93.9(86.3)	95.1(86.3)	130(100)	3.1	693
AWP 9-9-13□□	93.9(86.3)	95.1(86.3)	155(125)	2.63	766
AWP 9-9-17□□	93.9(86.3)	95.1(86.3)	200(170)	2.12	897
AWP 9-9-22□□	93.9(86.3)	95.1(86.3)	250(220)	1.79	1,043
AWP 9-9-28□□	93.9(86.3)	95.1(86.3)	305(275)	1.54	1,203.5
AWP11-6-11□□	113.9(106.3)	65.1(56.3)	140(110)	4.52	652.5
AWP11-6-15□□	113.9(106.3)	65.1(56.3)	180(150)	3.62	751.5
AWP11-6-19□□	113.9(106.3)	65.1(56.3)	220(190)	3.08	850
AWP11-6-24□□	113.9(106.3)	65.1(56.3)	270(240)	2.64	973
AWP12-8-11□□	127.6(120)	80.1(71.3)	135(105)	3.6	778.5
AWP12-8-14□□	127.6(120)	80.1(71.3)	170(140)	2.93	885
AWP12-8-17□□	127.6(120)	80.1(71.3)	209.5(179.5)	2.47	1,004.5
AWP12-8-22□□	127.6(120)	80.1(71.3)	245(215)	2.18	1,112
AWP16-9-14□□	163.9(156.3)	90.1(81.3)	165(135)	2.64	1,094
AWP16-9-18□□	163.9(156.3)	90.1(81.3)	205(175)	2.2	1,240.5
AWP16-9-23□□	163.9(156.3)	90.1(81.3)	255(225)	1.86	1,424
AWP16-9-28□□	163.9(156.3)	90.1(81.3)	305(275)	1.63	1,607.5
AWP21-9-17□□	213.9(206.3)	90.1(81.3)	202(170)	2.3	1,571.5
AWP21-9-21□□	213.9(206.3)	90.1(81.3)	242(210)	1.99	1,742
AWP21-9-26□□	213.9(206.3)	90.1(81.3)	292(260)	1.72	1,955.5
AWP21-9-31□□	213.9(206.3)	90.1(81.3)	342(310)	1.54	2,168.5

■ () value = enclosure dimension.



Serie AWN / AWP Maße

Series AWN / AWP dimensions

Best-Nr. - Product no.	W	H	D
AWN / AWP 8-5- 9	80.8	45.8	90 (114)
AWN / AWP 8-5-12	80.8	45.8	115 (139)
AWN / AWP 8-5-14	80.8	45.8	140 (164)
AWN / AWP 8-5-18	80.8	45.8	175 (199)

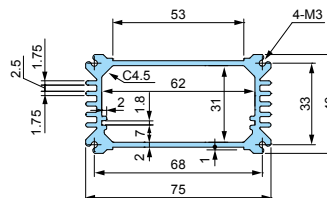
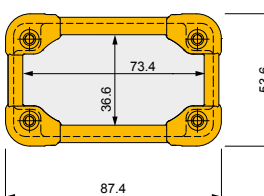
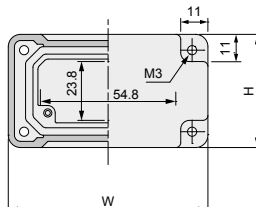
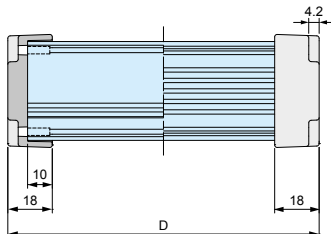
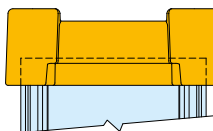
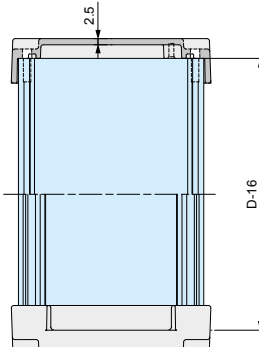
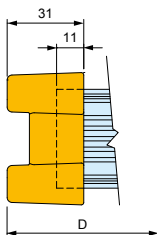
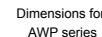
■ () Wert = Gehäuselänge mit Silikon-Protector.

- Profillänge = $D - 16$

■ () value = enclosure length with silicone cover.

- Body frame length = $D - 16$

AWN / AWP8-5-☐



Best-Nr. - Product no.	W	H	D
AWN / AWP 9-9-10	86.3	86.3	100 (130)
AWN / AWP 9-9-13	86.3	86.3	125 (155)
AWN / AWP 9-9-17	86.3	86.3	170 (200)
AWN / AWP 9-9-22	86.3	86.3	220 (250)
AWN / AWP 9-9-28	86.3	86.3	275 (305)

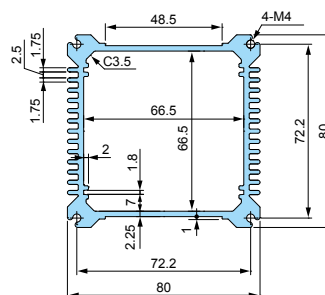
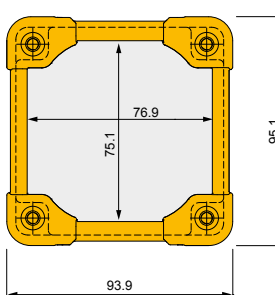
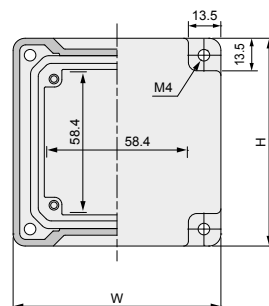
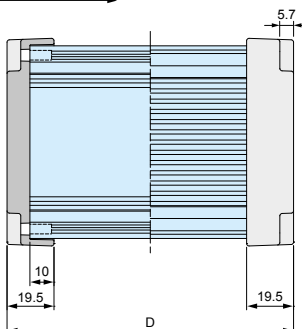
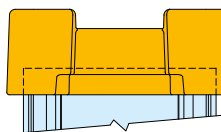
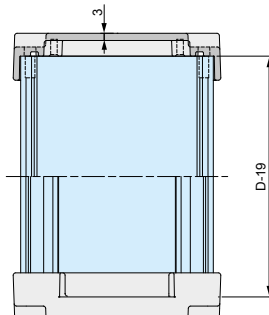
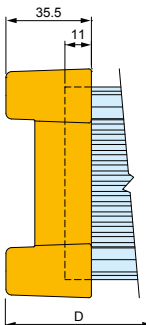
■ () Wert = Gehäuselänge mit Silikon-Protector.

- Profillänge = D - 19

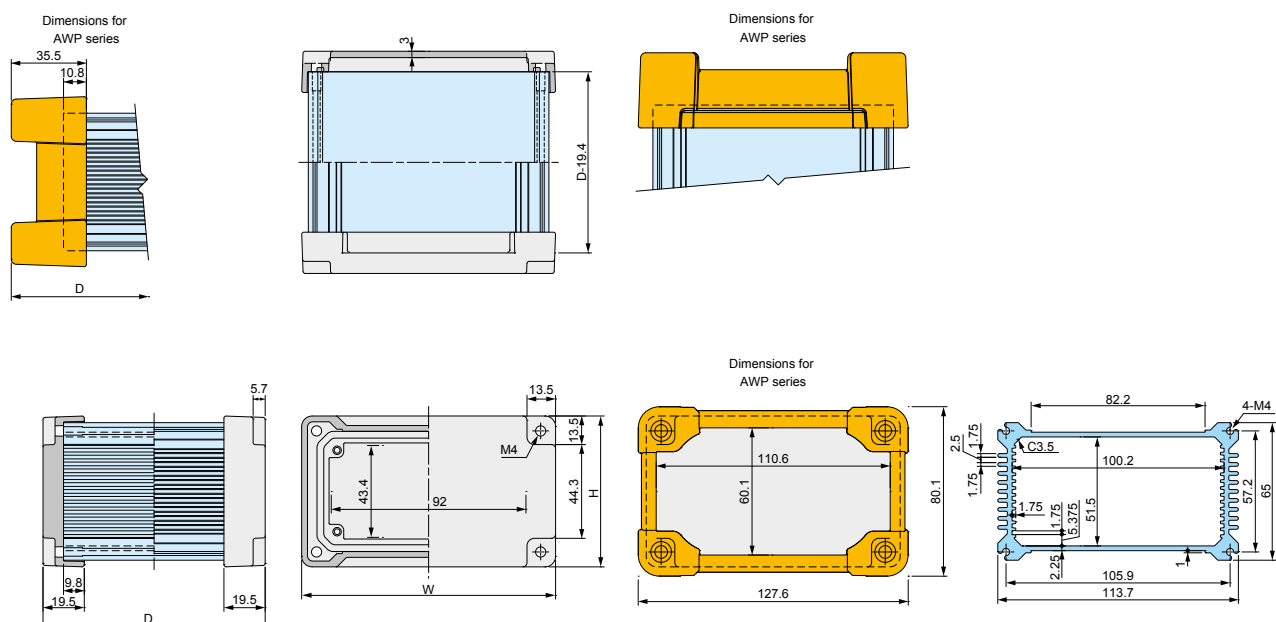
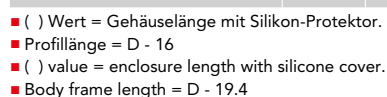
■ () value = enclosure length with silicone cover.

- Body frame length = $D - 19$

AWN / AWP9-9-□



- () Wert = Gehäuselänge mit Silikon-Protector.
- Profillänge = D - 19.4
- () value = enclosure length with silicone cover.
- Body frame length = D - 19.4

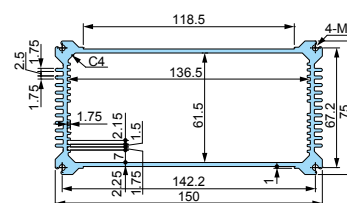
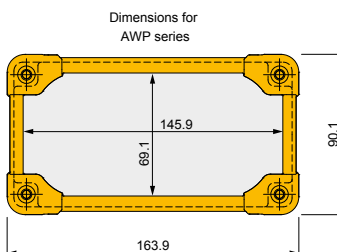
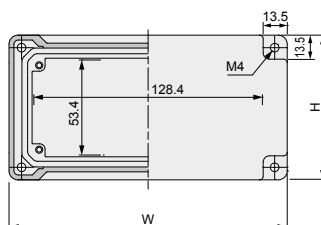
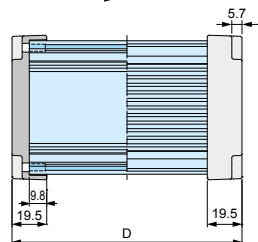
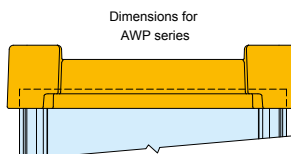
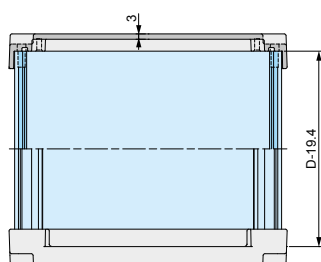
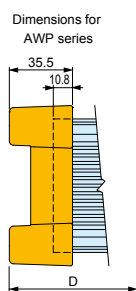


Series AWN / AWP dimensions

AWN / AWP16-9-□

Best-Nr. - Product no.	W	H	D
AWN / AWP16-9-14	156.3	81.3	135 (165)
AWN / AWP16-9-18	156.3	81.3	175 (205)
AWN / AWP16-9-23	156.3	81.3	225 (255)
AWN / AWP16-9-28	156.3	81.3	275 (305)

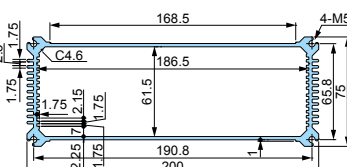
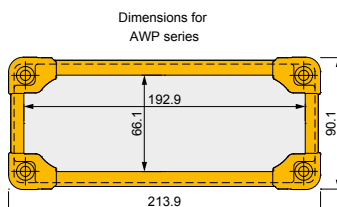
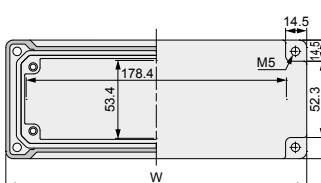
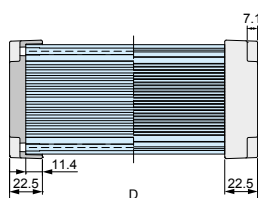
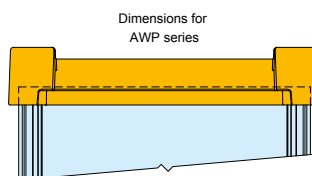
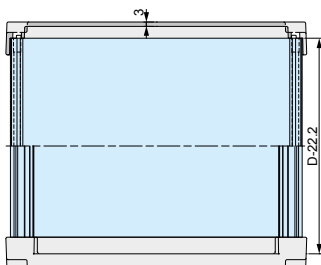
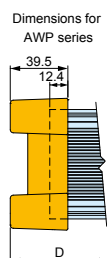
- () Wert = Gehäuselänge mit Silikon-Protector.
- Profillänge = D - 19.4
- () value = enclosure length with silicone cover.
- Body frame length = D - 19.4



AWN / AWP21-9-□

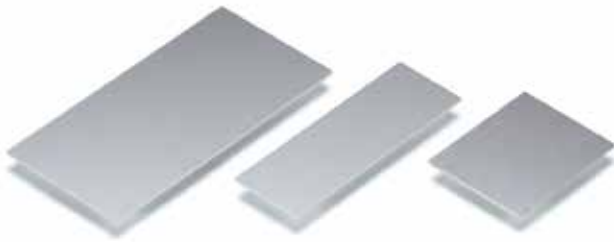
Best-Nr. - Product no.	W	H	D
AWN / AWP21-9-17	206.3	81.3	170 (202)
AWN / AWP21-9-21	206.3	81.3	210 (242)
AWN / AWP21-9-26	206.3	81.3	260 (292)
AWN / AWP21-9-31	206.3	81.3	310 (342)

- () Wert = Gehäuselänge mit Silikon-Protector.
- Profillänge = D - 22.2
- () value = enclosure length with silicone cover.
- Body frame length = D - 22.2



Serie AWC Montageplatte aus Aluminium

Series AWC Aluminium Mounting Plate



- Material: Aluminium A1050P t=1.5 / silber eloxiert.
- Montageplatte für Serien AW, AWN, und AWP.
- Geeignet für Montage von Leiterplatten, Netzteilen uvm.

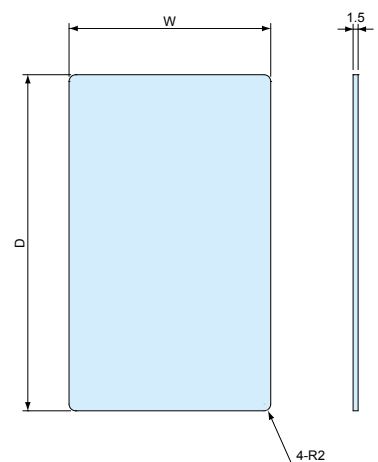
APPLICATION EXAMPLE



- Material: Aluminium A1050P t=1.5 / silver anodized
- Mounting plate for AW, AWN, and AWP series enclosures.
- Utilize for mounting PCB, power supply, terminal blocks, etc.

Best-Nr. / Maße - Product no. / Dimensions

Best-Nr. - Product no.	W	D	Passendes Gehäuse - Suitable enclosure
AWC 5- 7	38.9	49.2	AW • AWN 5-4-7
AWC 5- 9	38.9	69.2	AW • AWN 5-4-9
AWC 5-11	38.9	94.2	AW • AWN 5-4-11
AWC 5-14	38.9	119.2	AW • AWN 5-4-14
AWC 7- 8	47	64	AW • AWN • AWP 7-7-8
AWC 7-11	47	94	AW • AWN • AWP 7-7-11
AWC 7-15	47	134	AW • AWN • AWP 7-7-15
AWC 7-20	47	184	AW • AWN • AWP 7-7-20
AWC 7-25	47	234	AW • AWN • AWP 7-7-25
AWC 8- 9	61.8	74	AW • AWN • AWP 8-5-9
AWC 8-12	61.8	99	AW • AWN • AWP 8-5-12
AWC 8-14	61.8	124	AW • AWN • AWP 8-5-14
AWC 8-18	61.8	159	AW • AWN • AWP 8-5-18
AWC 9-10	66.5	81	AW • AWN • AWP 9-9-10
AWC 9-13	66.5	106	AW • AWN • AWP 9-9-13
AWC 9-17	66.5	151	AW • AWN • AWP 9-9-17
AWC 9-22	66.5	201	AW • AWN • AWP 9-9-22
AWC 9-28	66.5	256	AW • AWN • AWP 9-9-28
AWC11-11	86.5	90.6	AW • AWN • AWP11-6-11
AWC11-15	86.5	130.6	AW • AWN • AWP11-6-15
AWC11-19	86.5	170.6	AW • AWN • AWP11-6-19
AWC11-24	86.5	220.6	AW • AWN • AWP11-6-24
AWC12-11	100.2	85.6	AW • AWN • AWP12-8-11
AWC12-14	100.2	120.6	AW • AWN • AWP12-8-14
AWC12-17	100.2	160.1	AW • AWN • AWP12-8-17
AWC12-22	100.2	195.6	AW • AWN • AWP12-8-22
AWC16-14	136.3	115.6	AW • AWN • AWP16-9-14
AWC16-18	136.3	155.6	AW • AWN • AWP16-9-18
AWC16-23	136.3	205.6	AW • AWN • AWP16-9-23
AWC16-28	136.3	255.6	AW • AWN • AWP16-9-28
AWC21-17	186.1	147.8	AW • AWN • AWP21-9-17
AWC21-21	186.1	187.8	AW • AWN • AWP21-9-21
AWC21-26	186.1	237.8	AW • AWN • AWP21-9-26
AWC21-31	186.1	287.8	AW • AWN • AWP21-9-31



Serie HCS Innensechskantschraube

Series HCS Hexagon Socket Head Screw

- Innensechskantschraube zur Befestigung der Deckelplatten.
- Manipulationssicher und schlichtes Design.
- Hexagon socket head screws for fastening the end panels of AW and AWN enclosures.
- Utilize for tamper-resistance functionality or for an elegant sleek look.



Best-Nr. / Maße - Product no. / Dimensions

Best-Nr. Product no.	M	L	S	Material	VPE Pack of
HCS3-12S	3	12	2.5	Edelstahl	8
HCS3-12S	3	12	2.5	Stainless steel	8
HCS4-12S	4	12	3	Edelstahl	8
HCS4-12S	4	12	3	Stainless steel	8
HCS5-12S	5	12	4	Edelstahl	8
HCS5-12S	5	12	4	Stainless steel	8