

- Ex e cable glands for all armoured cables: SWA, braid- and tape-type steel or aluminium armouring
- Safety provided by flood seal with integral protection and controlled outer load retention seal
- Worldwide certification in accordance with IECEx and ATEX, EMC-tested

## MY R. STAHL C2KA



C2K series metal Ex e cable glands are suitable for all types of armoured cables, i.e. for SWA, braid- and tape-type steel and aluminium armouring. They feature a multifunctional holder for the armouring and various seals. They are also EMC-tested.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•	•	•	•

Selection Table										
Thread standard		Metric								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Protrusion length	Grooved cone	Stepped cone	PVC boot	Art. No.	Weight
20	M20	14 mm	12.5 ... 20.9 mm	30.5 mm	63 mm	0.4 ... 1 mm	0.8 ... 1.25 mm	PVC06	243506	220 g
20s	M20	11.7 mm	9.5 ... 15.9 mm	30.5 mm	62 mm	0.3 ... 1 mm	0.8 ... 1.25 mm	PVC06	243505	240 g
20s/16	M20	8.7 mm	6.1 ... 13.1 mm	30.5 mm	65 mm	0.3 ... 1 mm	0.8 ... 1.25 mm	PVC06	243504	230 g
25	M25	20 mm	18.2 ... 26.2 mm	37.5 mm	69.5 mm	0.4 ... 1.2 mm	1.25 ... 1.6 mm	PVC09	243507	350 g
25s	M25	20 mm	14 ... 22 mm	37.5 mm	69.5 mm	0.4 ... 1.2 mm	1.25 ... 1.6 mm	PVC09	109416	350 g
32	M32	26 mm	23.7 ... 33.9 mm	46 mm	75 mm	0.4 ... 1.2 mm	1.6 ... 2 mm	PVC11	243508	550 g
40	M40	32.2 mm	27.9 ... 40.4 mm	55 mm	75 mm	0.4 ... 1.6 mm	1.6 ... 2 mm	PVC15	243509	750 g
50	M50	44.1 mm	40.4 ... 53 mm	70.1 mm	77 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC21	243510	1.13 kg
50s	M50	38.2 mm	35.2 ... 46.7 mm	60 mm	77 mm	0.4 ... 1.6 mm	2 ... 2.5 mm	PVC18	109419	860 g
63	M63	56 mm	54.6 ... 65.8 mm	80 mm	80 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC25	109422	1.34 kg
63s	M63	50 mm	45.6 ... 59.4 mm	75 mm	80 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC23	109421	1.35 kg
75	M75	64.2 mm	66.7 ... 78.4 mm	100 mm	88 mm	0.6 ... 1.6 mm	2.5 ... 3 mm	PVC30	109424	2.48 kg
75s	M75	62 mm	59 ... 72 mm	90 mm	87 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC28	109423	2.02 kg
Thread standard		NPT								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Protrusion length	Grooved cone	Stepped cone	PVC boot	Art. No.	Weight
20	NPT1/2	14 mm	12.5 ... 20.9 mm	30.5 mm	63 mm	0.4 ... 1 mm	0.8 ... 1.25 mm	PVC06	246312	220 g
20s	NPT1/2	11.7 mm	9.5 ... 15.9 mm	30.5 mm	62 mm	0.3 ... 1 mm	0.8 ... 1.25 mm	PVC06	246311	240 g
20s/16	NPT1/2	8.7 mm	6.1 ... 13.1 mm	30.5 mm	65 mm	0.3 ... 1 mm	0.8 ... 1.25 mm	PVC06	246310	230 g
25	NPT3/4	20 mm	18.2 ... 26.2 mm	37.5 mm	69.5 mm	0.4 ... 1.2 mm	1.25 ... 1.6 mm	PVC09	246314	350 g
25s	NPT3/4	20 mm	14 ... 22 mm	37.5 mm	69.5 mm	0.4 ... 1.2 mm	1.25 ... 1.6 mm	PVC09	246313	350 g

**Selection Table**

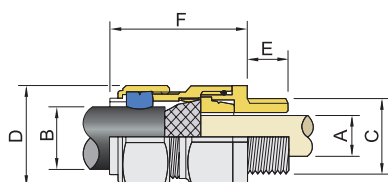
Thread standard		NPT								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Protrusion length	Grooved cone	Stepped cone	PVC boot	Art. No.	Weight
32	NPT1	26 mm	23.7 ... 33.9 mm	46 mm	75 mm	0.4 ... 1.2 mm	1.6 ... 2 mm	PVC11	246315	550 g
40	NPT1-1/4	32.2 mm	27.9 ... 40.4 mm	55 mm	75 mm	0.4 ... 1.6 mm	1.6 ... 2 mm	PVC15	246316	750 g
50	NPT2	44.1 mm	40.4 ... 53 mm	70.1 mm	77 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC21	246318	1.13 kg
50s	NPT1-1/2	38.2 mm	35.2 ... 46.7 mm	60 mm	77 mm	0.4 ... 1.6 mm	2 ... 2.5 mm	PVC18	246317	860 g
63	NPT2-1/2	56 mm	54.6 ... 65.8 mm	80 mm	80 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC25	246320	1.34 kg
63s	NPT2	50 mm	45.6 ... 59.4 mm	75 mm	80 mm	0.6 ... 1.6 mm	2 ... 2.5 mm	PVC23	246319	1.35 kg

Additional variants available with NPT thread type.  
Versions with country code BRA, CHN and others available on request.

Grooved cone: for cables with braid- or tape-type armouring  
Stepped cone: for cables with wire armouring (SWA)

**Technical Data**

<b>Explosion Protection</b>	
IECEX gas explosion protection	Ex eb IIC Gb
IECEX dust explosion protection	Ex ta IIIC Da
ATEX gas explosion protection	⊕ II 2 G Ex eb IIC Gb
ATEX dust explosion protection	⊕ II 1 D Ex ta IIIC Da
Notes	The product certification and certificates can be downloaded from the manufacturer's homepage ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> )
Ex version	Ex e & Ex nR & Ex ta
<b>Ambient Conditions</b>	
Ambient temperature	-60 °C ... +130 °C
<b>Mechanical Data</b>	
Degree of protection (IP)	IP66
Degree of protection note	IP67 and IP68 mounting in accordance with the specifications of the manufacturer, CMP. The specified degrees of protection are only fulfilled if CMP installation accessories are used.
Material	Nickel-plated brass
Material note	Stainless steel variants also available
Sealing material	SOLO LSF
Armouring type	All armouring
Construction type	BS 6121, IEC/EN 62444
Silicone-free	Yes
Impact strength	20 J

**Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations**


A = Max. inner sheath    B = Outer sheath  
C = Thread size    D = Width across corners  
D = Width across flats    E = Thread length  
F = Protrusion length