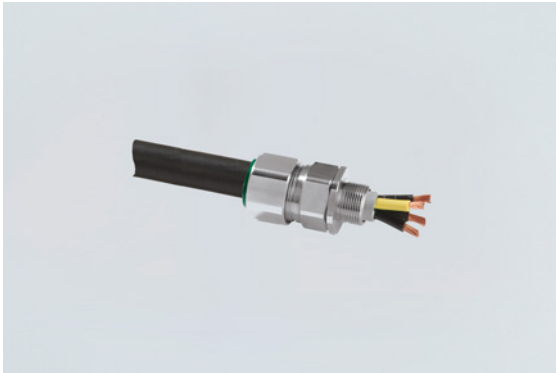


# Cable glands Ex e & Ex ta

## Series CWe for single-wire/steel wire armouring (SWA)

STAHL



- Ex e cable gland for cables with SWA armouring made of steel or aluminium
- Controlled outer load retention seal
- Internationally certified in accordance with IECEx and ATEX, EMC-tested

E10

### MY R. STAHL CWeA



The Series CWe metal Ex e cable glands are suitable for the following types of armoured cables: For SWA and tape armouring made of steel and aluminium. They have a special 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	Width across corners	Protrusion length	Stepped cone	PVC boot	Art. No.	Weight
20	M20	14 mm	12.5 ... 20.9 mm	30.5 mm	33.6 mm	48 mm	0.8 ... 1.25 mm	PVC06	246473	150 g
20s/16	M20	8.7 mm	6.1 ... 13.1 mm	24 mm	26.4 mm	48 mm	0.8 ... 1.25 mm	PVC04	246472	100 g
25	M25	20 mm	18.2 ... 26.2 mm	37.5 mm	41.3 mm	56 mm	1.25 ... 1.6 mm	PVC09	246474	220 g
32	M32	26 mm	23.7 ... 33.9 mm	46 mm	50.6 mm	54 mm	1.6 ... 2 mm	PVC11	246475	310 g
40	M40	32.2 mm	27.9 ... 40.4 mm	55 mm	60.5 mm	58 mm	1.6 ... 2 mm	PVC15	246476	450 g
50	M50	44.1 mm	40.4 ... 53 mm	70.1 mm	77.1 mm	60 mm	2 ... 2.5 mm	PVC21	246478	750 g
50s	M50	38.2 mm	35.2 ... 46.7 mm	60 mm	66 mm	61 mm	2 ... 2.5 mm	PVC18	246477	570 g
63	M63	56 mm	54.6 ... 65.8 mm	80 mm	88 mm	71 mm	2 ... 2.5 mm	PVC25	246480	1.02 kg
63s	M63	50 mm	45.6 ... 59.4 mm	75 mm	82.5 mm	74 mm	2 ... 2.5 mm	PVC23	246479	1.04 kg
Thread standard		NPT								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Protrusion length	Stepped cone	PVC boot	Art. No.	Weight
20	NPT1/2	14 mm	12.5 ... 20.9 mm	30.5 mm	33.6 mm	48 mm	0.8 ... 1.25 mm	PVC06	246484	150 g
20s	NPT1/2	11.7 mm	9.5 ... 15.9 mm	24 mm	26.4 mm	48 mm	0.8 ... 1.25 mm	PVC04	251704	100 g
20s/16	NPT1/2	8.7 mm	6.1 ... 13.1 mm	24 mm	26.4 mm	48 mm	0.8 ... 1.25 mm	PVC04	246483	100 g
25	NPT3/4	20 mm	18.2 ... 26.2 mm	37.5 mm	41.3 mm	56 mm	1.25 ... 1.6 mm	PVC09	246485	220 g
25s	NPT3/4	20 mm	14 ... 22 mm	37.5 mm	41.3 mm	56 mm	1.25 ... 1.6 mm	PVC09	251705	220 g
32	NPT1	26 mm	23.7 ... 33.9 mm	46 mm	50.6 mm	54 mm	1.6 ... 2 mm	PVC11	246486	310 g
40	NPT1-1/4	32.2 mm	27.9 ... 40.4 mm	55 mm	60.5 mm	58 mm	1.6 ... 2 mm	PVC15	246487	450 g
50	NPT2	44.1 mm	40.4 ... 53 mm	70.1 mm	77.1 mm	60 mm	2 ... 2.5 mm	PVC21	246489	750 g
50s	NPT1-1/2	38.2 mm	35.2 ... 46.7 mm	60 mm	66 mm	61 mm	2 ... 2.5 mm	PVC18	246488	570 g

**Selection Table**

Thread standard		NPT								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Protrusion length	Stepped cone	PVC boot	Art. No.	Weight
63	NPT2-1/2	56 mm	54.6 ... 65.8 mm	70 mm	88 mm	71 mm	2 ... 2.5 mm	PVC25	246491	1.02 kg

Stepped cone: For cables with wire armouring (SWA)

**Technical Data**
**Explosion Protection**

IECEX gas explosion protection Ex eb IIC Gb

IECEX dust explosion protection Ex ta IIIC Da

ATEX gas explosion protection Ex II 2 G Ex eb IIC Gb

ATEX dust explosion protection Ex II 1 D Ex ta IIIC Da

Notes The product certificates can be downloaded from the manufacturer's homepage ([www.cmp-products.com](http://www.cmp-products.com))

Ex version Ex e & Ex ta

**Ambient Conditions**

Ambient temperature -60 °C ... +130 °C

**Mechanical Data**

Degree of protection (IP) IP66

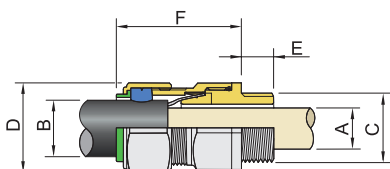
Degree of protection note IP67 and IP68 mounting according to the specifications of the manufacturer, CMP

Material Nickel-plated brass

Sealing material SOLO LSF

Armouring type Single-wire armouring

Construction type BS 6121, IEC/EN 62444

**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