



- Designed for use in North America
- Version with NPT and metric thread
- Operating temperature range -60 °C to +110 °C
- Class I Zones 1, 21 and Zones 2, 22
- Class I Zone 1 Ex e and Class I Div. 2 Groups ABCD
- Global certification, UL, cCSAus, IECEx and ATEX

E10

## MY R. STAHL TMCA



The cable glands have a sequential design and therefore do not need to be removed for installation. A 360° rotary spring establishes reliable earthing. They have global certification according to UL, cCSAus, IECEx and ATEX.

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

Selection Table								
Thread standard		metric						
Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Protrusion length	PVC boot	Art. No.	Weight
M20	8.7 ... 12.7 mm	9 ... 13.9 mm	30.5 mm	33.6 mm	46.5 mm	PVC06	243563	520 g
	12.9 ... 17 mm	13.9 ... 20 mm	36 mm	39.6 mm	52.3 mm	PVC09	243564	520 g
M25	15 ... 23.3 mm	17 ... 26.3 mm	41 mm	45.1 mm	53.1 mm	PVC10	243565	520 g
M32	19.7 ... 29.2 mm	22 ... 32.2 mm	50 mm	55 mm	56.9 mm	PVC13	243566	520 g
M40	27.5 ... 35.2 mm	29.5 ... 38.2 mm	55 mm	60.5 mm	56.3 mm	PVC15	243567	590 g
M50	33.5 ... 41.1 mm	35.6 ... 44.1 mm	60 mm	66 mm	58.6 mm	PVC18	243568	690 g
Thread standard		NPT						
Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Protrusion length	PVC boot	Art. No.	Weight
NPT1/2	8.7 ... 12.7 mm	9 ... 13.9 mm	30.5 mm	33.6 mm	46.5 mm	PVC06	254316	220 g
	13 ... 17 mm	11.1 ... 20 mm	36 mm	39.6 mm	52.2 mm	PVC09	254317	280 g
NPT1-1/2	33.5 ... 41.1 mm	35.6 ... 44.1 mm	60 mm	66 mm	58.6 mm	PVC18	254321	690 g
NPT1-1/4	27.5 ... 35.2 mm	29.5 ... 38.2 mm	55 mm	60.5 mm	56.3 mm	PVC15	254320	590 g
NPT2	38.3 ... 47.1 mm	40.1 ... 50.1 mm	70 mm	77 mm	63.9 mm	PVC21	254322	1.2 kg
	45 ... 53 mm	47.2 ... 56 mm	75 mm	82.5 mm	63.2 mm	PVC23	254323	1.1 kg
NPT2-1/2	52.1 ... 58.9 mm	52.8 ... 62 mm	80 mm	88 mm	69.3 mm	PVC25	254324	1.7 kg
	57.1 ... 64.6 mm	59.1 ... 68 mm	85 mm	93.5 mm	72 mm	PVC27	254325	1.6 kg
NPT3	64.6 ... 75.3 mm	66.6 ... 79.4 mm	110 mm	121 mm	98.2 mm	LSF32	254326	3.5 kg
NPT3-1/2	74 ... 88.5 mm	76 ... 97.2 mm	133.4 mm	146.7 mm	117.6 mm	LSF34	254327	6.7 kg

Inner sheath: Max. possible cable dia. range. The armour stop can be removed or inserted to vary the cable dia. range (armour stop included with delivery).

## Technical Data

### Explosion Protection

IECEX gas explosion protection Ex eb IIC Gb

IECEX dust explosion protection Ex ta IIIC Da

IECEX firedamp protection Ex db I Mb

IECEX firedamp protection 2 Ex eb I Mb

IECEX restricted breathing Ex nR IIC Gc

ATEX gas explosion protection II 2 G Ex eb IIC Gb

ATEX dust explosion protection II 1 D Ex ta IIIC Da

ATEX firedamp protection I M2 Ex db I Mb

ATEX firedamp protection 2 I M2 Ex eb I Mb

ATEX restricted breathing II 3 G Ex nR IIC Gc

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 d & Ex nR & Ex ta

### Ambient Conditions

Ambient temperature -60 °C ... +110 °C

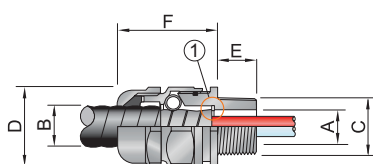
### Mechanical Data

Degree of protection (IP) IP66

Degree of protection note Mounting in accordance with the specifications of the manufacturer, CMP

Material Nickel-plated brass

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



1 = removable armour stop

A = Inner sheath B = Outer sheath

C = Thread size D = Width across corners

D = Width across flats E = Thread length

F = Protrusion length

You can find all the dimensions online at [r-stahl.com](http://r-stahl.com)