

- Sealing on cables outer sheath only.
- PTFE gasket for sealing between cable gland and box / cabinet.
- Delivered in brass material.

E6

MY R. STAHL TE205-624B



Cable glands are required as a safe passage for a cable into an enclosure. Dependent on the type of enclosure and type of cable, one needs to find the cable gland that cover the requirements.

R. STAHL TRANBERG have a wide variety of cable glands, in various designs, and available in brass or stainless steel (316). This model is certified to both ATEX and IECEx.

Development and manufacturing of this product is done at our factory in Stavanger, Norway.

Application:

- Outdoor or indoor for unarmoured cables.
- Sealing on cables outer sheath only.
- Suitable for use in hazardous area, zone 1, zone 2 and safe area.

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

Selection Table						
Material Thread size		Brass M16				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
A1	2 – 6 mm	24 mm	26.7 mm	6241621	259255	80 g
B2	4.5 – 7.5 mm	24 mm	26.7 mm	6241631	259259	80 g
Material Thread size		Brass M20				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
A1	2 – 6 mm	27 mm	30.2 mm	6242041	259261	90 g
B1	5 – 9.1 mm	27 mm	30.2 mm	6242031	259263	90 g
B2	4.5 – 7.5 mm	27 mm	30.2 mm	6242061	259265	90 g
C1	9 – 14.3 mm	27 mm	30.2 mm	6242011	259267	90 g
C2	6 – 10 mm	27 mm	30.2 mm	6242021	259269	100 g
C3	8.5 – 13 mm	27 mm	30.2 mm	6242051	259271	90 g
Material Thread size		Brass M25				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
A1	2 – 6 mm	32 mm	36 mm	6242561	259273	110 g
B1	5 – 9.1 mm	32 mm	36 mm	6242551	259275	110 g


Selection Table

Material Thread size		Brass M25				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
B2	4.5 – 7.5 mm	32 mm	36 mm	6242591	259277	110 g
C1	9 – 14.3 mm	32 mm	36 mm	6242531	259279	110 g
C2	6 – 10 mm	32 mm	36 mm	6242541	259281	110 g
C3	8.5 – 13 mm	32 mm	36 mm	6242581	259283	110 g
D1	15 – 20.1 mm	32 mm	36 mm	6242511	259285	100 g
D2	11 – 15 mm	32 mm	36 mm	6242521	259287	110 g
D9	13 – 17 mm	32 mm	36 mm	6242571	259289	110 g
Material Thread size		Brass M32				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
D1	15 – 20.1 mm	42 mm	47.5 mm	6243221	259291	180 g
E1	20 – 26.5 mm	42 mm	47.5 mm	6243211	259293	180 g
E2	18 – 23 mm	42 mm	47.5 mm	6243231	259295	180 g
Material Thread size		Brass M40				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
E1	20 – 26.5 mm	50 mm	57 mm	6244021	259297	280 g
F1	26.5 – 32.4 mm	50 mm	57 mm	6244011	259299	280 g
F2	23 – 29 mm	50 mm	57 mm	6244031	259301	280 g
Material Thread size		Brass M50				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
G1	32 – 38.5 mm	65 mm	74 mm	6245011	259302	580 g
G2	29 – 35 mm	65 mm	74 mm	6245041	259303	580 g
H1	35 – 41 mm	65 mm	74 mm	6245021	259304	580 g
Material Thread size		Brass M63				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
J1	44 – 50.5 mm	80 mm	90.5 mm	6246311	259307	890 g
J2	42 – 46 mm	80 mm	90.5 mm	6246331	259308	890 g
K1	50 – 56.5 mm	80 mm	90.5 mm	6246321	259309	890 g
K2	47 – 53 mm	80 mm	90.5 mm	6246341	259310	890 g
Material Thread size		Brass M75				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
L1	55 – 59 mm	90 mm	102 mm	6247511	259311	980 g
L2	58 – 63 mm	90 mm	102 mm	6247521	259312	980 g
L3	53 – 58 mm	90 mm	102 mm	6247541	259313	980 g
L4	56 – 62 mm	90 mm	102 mm	6247551	259314	980 g
M1	62 – 68 mm	90 mm	102 mm	6247531	259315	980 g
M2	60 – 66 mm	90 mm	102 mm	6247561	259316	980 g
Material Thread size		Brass M90				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
N1	68 – 72 mm	110 mm	125 mm	6249011	259317	1.28 kg
N2	65 – 70 mm	110 mm	125 mm	6249041	259318	1.28 kg
O1	72 – 78 mm	110 mm	125 mm	6249031	259319	1.28 kg
O2	78 – 83 mm	110 mm	125 mm	6249021	259320	1.28 kg
O3	69 – 75 mm	110 mm	125 mm	6249051	259321	1.28 kg
O4	75 – 81 mm	110 mm	125 mm	6249061	259322	1.28 kg

Selection Table						
Material Thread size		Stainless steel (AISI 316) M16				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
A1	2 – 6 mm	24 mm	26.7 mm	6241626	259254	80 g
B1	5 – 9.1 mm	24 mm	26.7 mm	–	259256	-
B2	4.5 – 7.5 mm	24 mm	26.7 mm	6241636	259258	90 g
Material Thread size		Stainless steel (AISI 316) M20				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
A1	2 – 6 mm	27 mm	30.2 mm	6242046	259260	90 g
B1	5 – 9.1 mm	27 mm	30.2 mm	6242036	259262	90 g
B2	4.5 – 7.5 mm	27 mm	30.2 mm	6242066	259264	90 g
C1	9 – 14.3 mm	27 mm	30.2 mm	6242016	259266	90 g
C2	6 – 10 mm	27 mm	30.2 mm	6242026	259268	90 g
C3	8.5 – 13 mm	27 mm	30.2 mm	6242056	259270	90 g
Material Thread size		Stainless steel (AISI 316) M25				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
A1	2 – 6 mm	32 mm	36 mm	6242566	259272	110 g
B1	5 – 9.1 mm	32 mm	36 mm	6242556	259274	110 g
B2	4.5 – 7.5 mm	32 mm	36 mm	6242596	259276	110 g
C1	9 – 14.3 mm	32 mm	36 mm	6242536	259278	110 g
C2	6 – 10 mm	32 mm	36 mm	6242546	259280	110 g
C3	8.5 – 13 mm	32 mm	36 mm	6242586	259282	110 g
D	–	32 mm	36 mm	6242506	331971	110 g
D1	15 – 20.1 mm	32 mm	36 mm	6242516	259284	110 g
D2	11 – 15 mm	32 mm	36 mm	6242526	259286	110 g
D9	13 – 17 mm	32 mm	36 mm	6242576	259288	110 g
Material Thread size		Stainless steel (AISI 316) M32				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
D1	15 – 20.1 mm	42 mm	47.5 mm	6243226	259290	180 g
D2	11 – 15 mm	42 mm	47.5 mm	6243246	331972	180 g
E1	20 – 26.5 mm	42 mm	47.5 mm	6243216	259292	180 g
E2	18 – 23 mm	42 mm	47.5 mm	6243236	259294	180 g
Material Thread size		Stainless steel (AISI 316) M40				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
E1	20 – 26.5 mm	50 mm	57 mm	6244026	259296	280 g
F1	26.5 – 32.4 mm	50 mm	57 mm	6244016	259298	280 g
F2	23 – 29 mm	50 mm	57 mm	6244036	259300	280 g
Material Thread size		Stainless steel (AISI 316) M50				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
G1	32 – 38.5 mm	65 mm	74 mm	6245016	331973	580 g
G2	29 – 35 mm	65 mm	74 mm	6245046	331974	580 g
H1	35 – 41 mm	65 mm	74 mm	6245026	331975	580 g
Material Thread size		Stainless steel (AISI 316) M63				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
J1	44 – 50.5 mm	80 mm	90.5 mm	6246316	331978	890 g
J2	42 – 46 mm	80 mm	90.5 mm	6246336	331979	890 g
K1	50 – 56.5 mm	80 mm	90.5 mm	6246326	331980	890 g

Selection Table						
Material Thread size		Stainless steel (AISI 316) M63				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
K2	47 – 53 mm	80 mm	90.5 mm	6246346	331981	890 g
Material Thread size		Stainless steel (AISI 316) M75				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
L1	55 – 59 mm	90 mm	102 mm	6247516	331982	980 g
L2	58 – 63 mm	90 mm	102 mm	6247526	331983	980 g
L3	53 – 58 mm	90 mm	102 mm	6247546	331984	980 g
L4	56 – 62 mm	90 mm	102 mm	6247556	331985	980 g
M1	62 – 68 mm	90 mm	102 mm	6247536	331986	980 g
M2	60 – 66 mm	90 mm	102 mm	6247566	331987	980 g
Material Thread size		Stainless steel (AISI 316) M90				
Version	Clamping range	Width across flats	Width across corners	Old Art. No.	Art. No.	Weight
N1	68 – 72 mm	110 mm	125 mm	6249016	331988	1.28 kg
N2	65 – 70 mm	110 mm	125 mm	6249046	331989	1.28 kg
O1	72 – 78 mm	110 mm	125 mm	6249036	331990	1.28 kg
O2	78 – 83 mm	110 mm	125 mm	6249026	331991	1.28 kg
O3	69 – 75 mm	110 mm	125 mm	6249056	331992	1.28 kg
O4	75 – 81 mm	110 mm	125 mm	6249066	331993	1.28 kg

Technical Data	
Explosion Protection	
Ex version	Ex e
Area of application	European Union (ATEX) IECEX
IECEX gas certificate	IECEX NEM 13.0021X
IECEX gas explosion protection	Ex eb IIC Gb
ATEX gas certificate	NEMKO 13 ATEX 1548X
ATEX gas explosion protection	⊕ II 2 G Ex eb IIC Gb
Ambient Conditions	
Ambient temperature	-60 °C ... +135 °C
Mechanical Data	
Degree of protection (IP)	IP66 / IP67
Sealing material	Silicone Shore A60 Red
Silicone-free	No
Armouring type	Unarmoured cable types
Strain relief	No
Thread length	15 mm
Thread pitch	1,5 mm
Notes	Additional cable clamp needs to be fitted to ensure that tensile and torsional forces are not transmitted to the terminals.

Accessories			
Figure	Description	Art. No.	Weight
	Flat seal, M16, Polytetrafluor., Old Art. No.: 50010030	334678	2 g
	Flat seal, M20, Polytetrafluor., Old Art. No.: 50010031	334679	2 g
	Flat seal, M25, Polytetrafluor., Old Art. No.: 50010032	334680	4 g
	Flat seal, M32, Polytetrafluor., Old Art. No.: 50010033	334681	8 g
	Flat seal, M40, Polytetrafluor., Old Art. No.: 50010034	334682	11 g
	Flat seal, M50, Polytetrafluor., Old Art. No.: 50010035	334683	25 g
	Flat seal, M63, Polytetrafluor., Old Art. No.: 50010036	334684	44 g
	Flat seal, M75, Polytetrafluor., Old Art. No.: 50010037	334685	41 g
	Flat seal, M90, Polytetrafluor., Old Art. No.: 50010038	334686	80 g