



CEMBRE

NEW CABLE ENTRY SYSTEMS EWO SERIES 9000, 9200 AND 9220

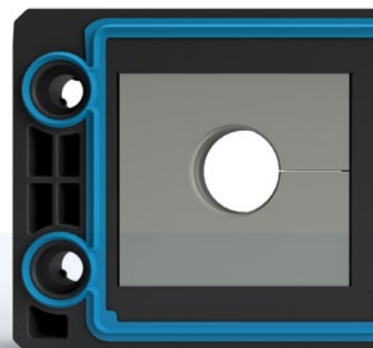


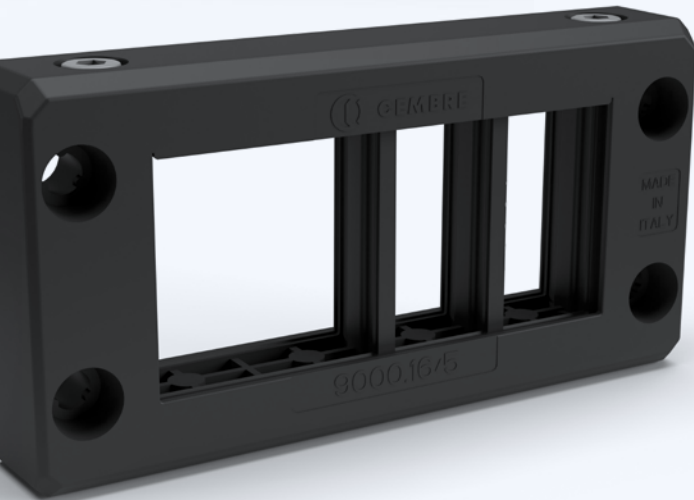
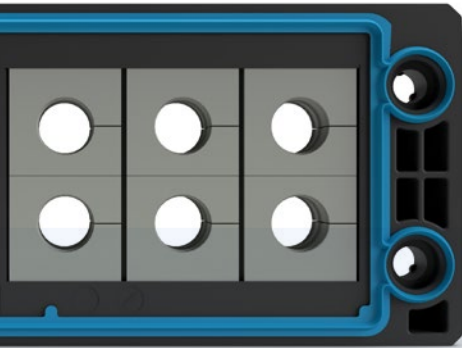
EWO[®]
EASY WIRE ORGANIZER

CHOOSE CONVENIENCE AND SAFETY WITH EWO CABLE ENTRY SYSTEMS!

SERIES 9000

- **Plug & Fix:** quick installation on predetermined cables for signal distribution, sensors, power supply
- **Easy to use:** frame can be fitted after laying the cables, which can also be secured with grommets in the final phase of machine wiring
- **For industrial automation:** ideal for applications in industrial automation, for cable management on machinery
- **Safety without compromise:** extremely safe and protected (IP66) even without an additional external seal
- **Grommets are perfectly enclosed by the frame,** with no protrusions, ensuring IP66 protection and cable sealing in accordance with EN62444

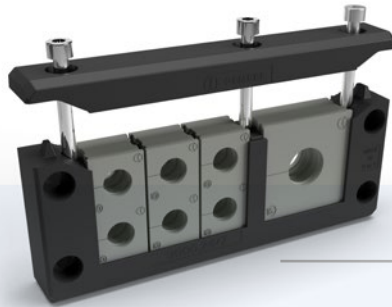




- **Slim and space-saving** thanks to the compact design and the absence of an external seal (available as an accessory)
- **Fast and flexible screw fastening:** anti-fall system for easier installation
- **Frame fixing system** using screws on nuts, deep-drawn holes or rivets
- **High quality material:** reinforced PA6.6 fibreglass frame with stainless steel screws and clamping nuts
- **180° of simplicity:** grommets can be mounted freely, without having to be locked in place, and without worrying about the direction of installation

LOTS OF GREAT REASONS FOR CHOOSING EWO SERIES 9000

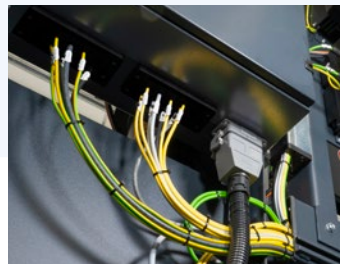
Frame can be fitted after laying the cables, which can also be secured with grommets in the final phase of machine wiring



Quick installation on predetermined cables for signal distribution, sensors, power supply



Ideal for applications in industrial automation, for cable management on the machine



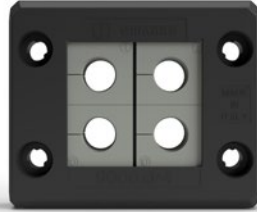
Extremely safe and protected (IP66) thanks to the special overmoulded seal which does not require an external seal



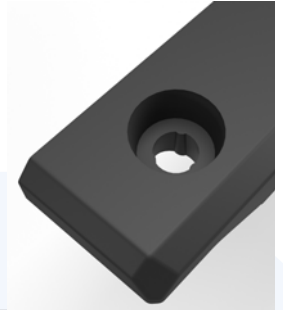
Slim and space-saving thanks to the compact design and the absence of an external seal.



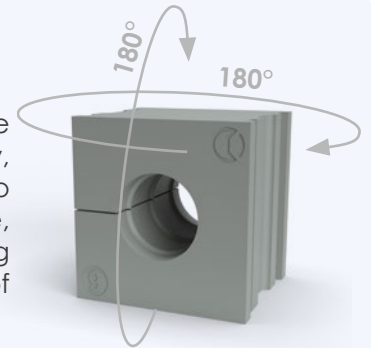
Grommets are perfectly enclosed by the frame, without protrusions, guaranteeing IP66 protection and cable sealing in accordance with EN62444



Fast and flexible screw fastening: anti-fall system for easier installation



Grommets can be mounted freely, without having to be locked in place, and without worrying about the direction of installation



Frame fixing system using screws on nuts, deep-drawn holes or rivets



Reinforced fibreglass frame stainless steel screws and clamping nuts



THE CABLE ENTRY SYSTEM LINE SERIES 9000

Split cable entry systems for predetermined cables



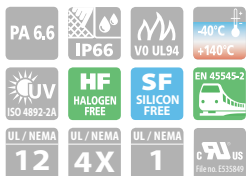
Cable gland mm	Metal Plate Perforation mm	No. grommets	SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES				
			Square	Rectangular	Reduced Rectangular	Round	
75 x 61	43 x 43	4	9000.Q/4	-	-	-	
75 x 61	43 x 43	1	9000.Q/1	-	-	-	
99.5 x 61	65 x 46	6	-	9000.10/6	-	-	
99.5 x 61	65 x 46	3	-	9000.10/3	-	-	
120 x 61	86 x 36/46	8	-	9000.16/8	-	-	
120 x 61	86 x 36/46	5	-	9000.16/5	-	-	
120 x 61	86 x 36/46	2	-	9000.16/2	-	-	
147 x 61	112 x 36/46	10	-	9000.24/10	-	-	
147 x 61	112 x 36/46	7	-	9000.24/7	-	-	
147 x 61	112 x 36/46	4	-	9000.24/4	-	-	
75 x 42	43 x 24	2	-	-	9000.R/2	-	
99.5 x 42	65 x 24	3	-	-	9000.R/3	-	
120 x 42	86 x 24	4	-	-	9000.R/4	-	
147 x 42	112 x 24	5	-	-	9000.R/5	-	
50 x 45.5	Ø 25.4	1	-	-	-	9100.M25	9100.M25N
50 x 45.5	Ø 32.5	1	-	-	-	9100.M32	9100.M32N
72 x 72	Ø 50.5	1	-	-	-	9100.M50/1	9100.M50/1N
72 x 72	Ø 50.5	4	-	-	-	9100.M50/4	9100.M50/4N
72 x 72	Ø 64.0	1	-	-	-	9100.M63/1	9100.M63/1N
72 x 72	Ø 64.0	4	-	-	-	9100.M63/4	9100.M63/4N

Available colours:

- Black (RAL 9005) ■

Available colours:

- Grey (RAL 7035) ■
- Black (RAL 9005) ■



Frame material: Glass-fibre reinforced Polyamide PA6.6

Light blue overmoulded seal material: Thermoplastic elastomer (TPE)

Frame fastening screws material: Stainless steel (M5x55) Class A2

Self-extinguishing class V0 (UL 94)

Temperature range: -40°C to +140°C (static)

Colour: Black Ral 9005; Grey RAL 7035 (for round version)



ACCESSORIES

Grommets



Type A Grommet 20x20.6 mm	No. holes	Ø Cable mm	Type A Grommet 20x20.6 mm	No. holes	Ø Cable mm
9.AD0	0	-	9.A4D2	4	2-3
9.A1D1	1	1-2	9.A4D3	4	3-4
9.A1D2	1	2-3	9.A4D4	4	4-5
9.A1D3	1	3-4	9.A4D5	4	5-6
9.A1D4	1	4-5	9.A4D6	4	6-7



Type B Grommet 41x41 mm	No. holes	Ø Cable mm
9.BD0	0	-
9.B1D16	1	16-17
9.B1D17	1	17-18
9.B1D18	1	18-19
9.B1D19	1	19-20
9.B1D20	1	20-21
9.B1D21	1	21-22



Type A Grommet 20x20.6 mm	No. holes	Ø Cable mm
9.A2D2	2	2-3
9.A2D3	2	3-4
9.A2D4	2	4-5
9.A2D5	2	5-6
9.A2D6	2	6-7



Type A Grommet 20x20.6 mm	No. holes	Ø Cable mm
9.A2D7	2	7-8
9.A2D8	2	8-9

Available colours:

- grey (RAL 7004) 
- Black (RAL 9005) 

Blindplugs



Blindplugs	Ø Insert mm	Ø Head mm	L Insert mm
9005.D2	2	4	20
9005.D3	3	5	20
9005.D4	4	6	20
9005.D5	5	7	20
9005.D6	6	8	20
9005.D7	7	9	20
9005.D8	8	10	15
9005.D9	9	11	15
9005.D10	10	12	15
9005.D11	11	13	15
9005.D12	12	14	15
9005.D13	13	15	15
9005.D14	14	16	15
9005.D15	15	17	15
9005.D16	16	18	15
9005.D17	17	19	15

Split bushing



Split bushing	Pitch mm	Wrench mm
9110.M25	M25x1.5	32
9110.M25N	M25x1.5	32
9110.M32	M32x1.5	40
9110.M32N	M32x1.5	40
9110.M50	M50x1.5	64
9110.M50N	M50x1.5	64

Push-fit mounts



Push-fit mount	Dimensions mm	Metal Plate Perforation mm
9020.24	155 x 68	112 x 36/46
9020.16	128 x 68	86 x 36/46
9020.10	107 x 68	65 x 46
9020.Q	83 x 68	43 x 43

Closing plate with screws



Closing plate with screws	Dimensions mm	Metal Plate Perforation mm
9010.24	148.5 x 55.5	112 x 36/46
9010.16	121.5 x 55.5	86 x 36/46
9010.10	101.5 x 55.5	65 x 36/46
9010.Q	76.5 x 55.5	43 x 43

Closing plate with snap-on



Closing plate snap-on	Dimensions mm	Metal Plate Perforation mm
9010.24-SO	148.5 x 55.5	112 x 36/46
9010.16-SO	121.5 x 55.5	86 x 36/46
9010.10-SO	101.5 x 55.5	65 x 36/46
9010.Q-SO	76.5 x 55.5	43 x 43

External seal



External seal	For cable gland type	Dimensions mm
9006.Q	9000.Q	72 x 60
9006.10	9000.10	98 x 60
9006.16	9000.16	118 x 60
9006.24	9000.24	145 x 60
9006.R/2	9000.R/2	72 x 41
9006.R/3	9000.R/3	98 x 41
9006.R/4	9000.R/4	118 x 41
9006.R/5	9000.R/5	145 x 41

Intumescent gaskets



Type	For Cable gland Type	Dimensions mm
9007FR.Q	9000.Q	83 x 69
9007FR.10	9000.10	108 x 69
9007FR.16	9000.16	128 x 69
9007FR.24	9000.24	155 x 69
9007FR.R/2	9000.R/2	83 x 50
9007FR.R/3	9000.R/3	108 x 50
9007FR.R/4	9000.R/4	128 x 50
9007FR.R/5	9000.R/5	155 x 50

BI-COMPONENT MEMBRANE CABLE ENTRIES SERIES 9200

Frame material in PP+GF, overmoulded material in silicone-free TPE elastomer, halogen-free, UV resistant ISO 4892-2A, UL94, IP66, Colour Grey (RAL 7004)

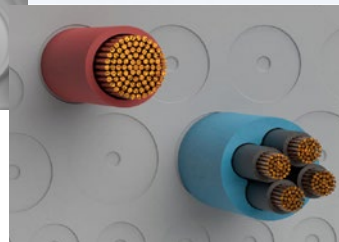
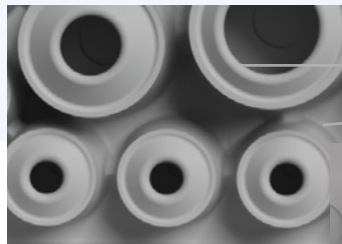


Centering system to facilitate controlled piercing of the membrane and easy insertion of the cable.



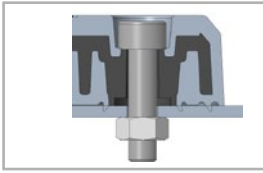
Double oriented sealing membrane.

- facilitates cable insertion
- provides greater resistance to tearing

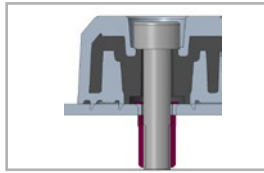


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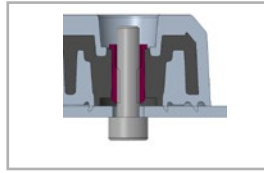
3 methods of fixing to the panel



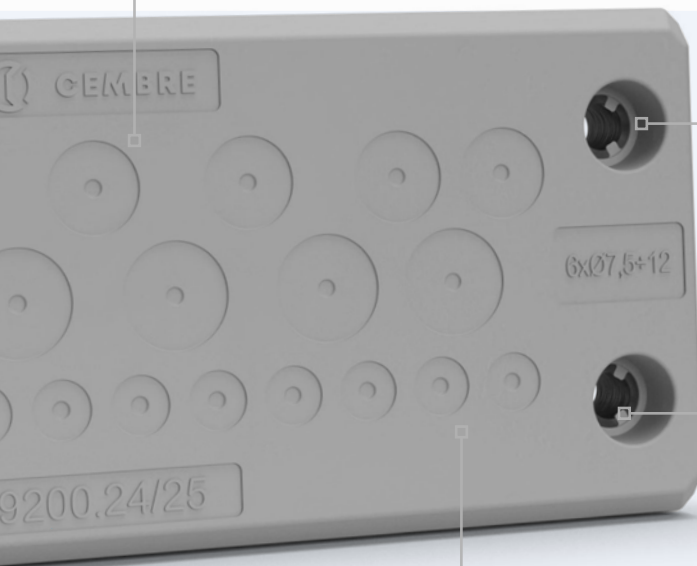
Through hole with lock nut



Threaded bushing on frame ensuring IP rating



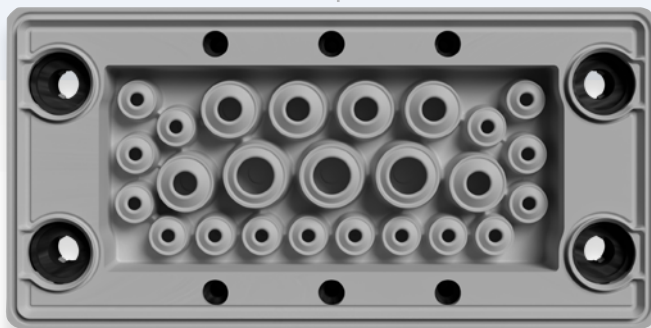
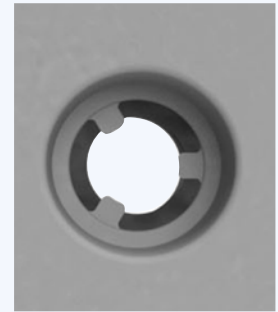
Threaded bushing on the membrane for fixing from the inside



Sealing collar to ensure IP rating under screw



Triple anti-fall screw system



Optimise the passage of unmarked cables thanks to the new double membrane system.

BI-COMPONENT MEMBRANE CABLE ENTRIES SERIES 9200

Structure material: Polypropylene with black glass fibre

Overmoulded membrane material: Thermoplastic elastomer (TPE)

Self-extinguishing cl. V0 (UL94)

Operating temperature range: -40°C +100°C

Colour: grey RAL7004

UL file number: *Pending

Accessories upon request: 9001.M5X20

stainless steel screws (M5x20) Class A2



ASSEMBLY with
high tensile strength screws

9200.Q
80x61x16



9200.24
150x61x16



9200.R5
150x38x16



Type	Cable configuration no.x Ø mm	Shape and Dimensions (LxAxS) mm	Metal plate perforation dimensions mm
9200.Q/13	8 x Ø 3÷6.5 mm 4 x Ø 4.8÷10.2 mm 1 x Ø 16÷22 mm	square 80x61x16	43x43
9200.Q/16	9 x Ø 3÷6.5 mm 4 x Ø 4.8÷10.2 mm 2 x Ø 7.5÷12 mm 1 x Ø 9÷16.2 mm		
9200.Q/25	25 x Ø 3÷6.5 mm		
9200.24/14	10 x Ø 3÷6.5 mm 4 x Ø 16÷22 mm	rectangular, 24-pin 150x61x16	112x36/46
9200.24/15	15 x Ø 7.5÷12 mm		
9200.24/20	8 x Ø 3÷6.5 mm 6 x Ø 4.8÷10.2 mm 2 x Ø 7.5÷12 mm 4 x Ø 9÷16.2 mm		
9200.24/22	6 x Ø 3÷6.5 mm 6 x Ø 4.8÷10.2 mm 10 x Ø 7.5÷12 mm		
9200.24/24	6 x Ø 3÷6.5 mm 16 x Ø 4.8÷10.2 mm 2 x Ø 7.5÷12 mm		
9200.24/25	12 x Ø 3÷6.5 mm 7 x Ø 4.8÷10.2 mm 6 x Ø 7.5÷12 mm		
9200.24/26	26 x Ø 4.8÷10.2 mm		
9200.24/32	21 x Ø 3÷6.5 mm 8 x Ø 4.8÷10.2 mm 3 x Ø 7.5÷12 mm		
9200.24/42	42 x Ø 3÷6.5 mm		
9200.R5/7	7 x Ø 7.5÷12 mm	reduced rectangular 150x38x16	112x18/24
9200.R5/21	21 x Ø 3÷6.5 mm		

RUBBER MEMBRANE CABLE ENTRIES SERIES 9220 TYPE A AND TYPE B

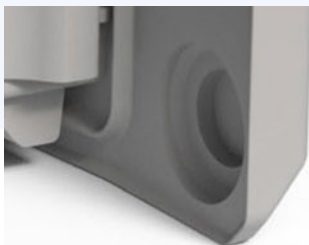
Silicone-free TPE elastomer material, halogen-free, UV-resistant ISO 4892-2A, UL94, IP64, Colour Grey (RAL 7004)



Centring system to facilitate controlled piercing of the membrane and ease insertion of the cable.



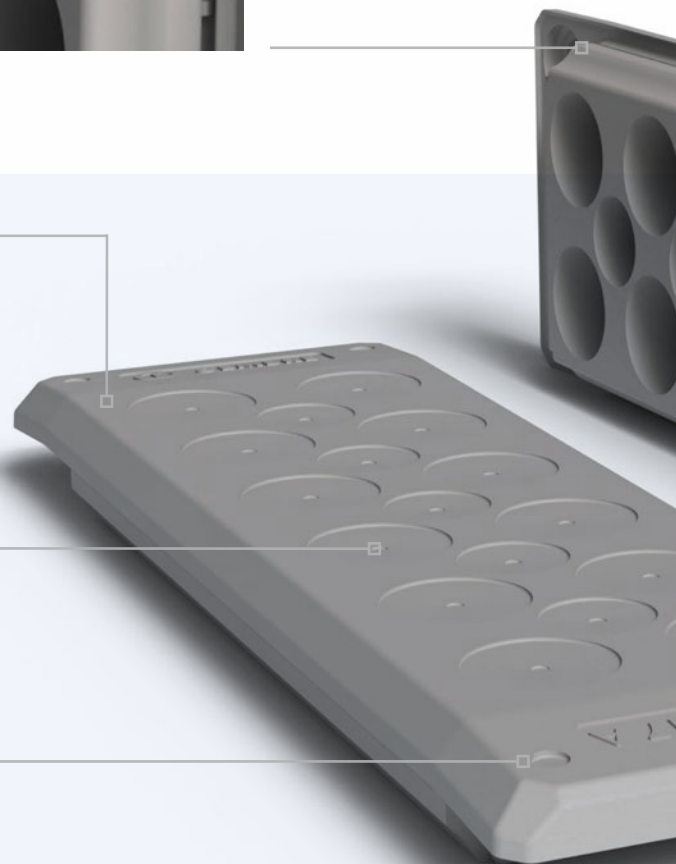
internal chamfers to accommodate the heads of any threaded inserts.



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Symmetrical profile to avoid mounting constraints



Possibility of drilling the membrane for the passage of any M5 screws.



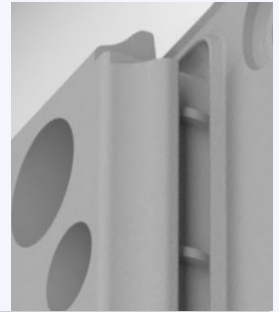
Chamfered for easy insertion



Double seal profile to improve the IP protection rating (solids + water).



Internal 'slide' graft shape along the entire perimeter to facilitate insertion into the sheet metal hole.



Sloping side flaps to cover any holes and ensure greater adhesion to the wall after the membrane has been inserted.



Two versions, suitable for different sheet thicknesses:

Type **A**, from 1.5 to 2.5 mm

Type **B**, from 2.8 to 4 mm



RUBBER MEMBRANE CABLE ENTRIES SERIES 9220 TYPE A AND TYPE B

Membrane material: Thermoplastic elastomer (TPE)

Self-extinguishing cl. V0 (UL94)

Operating temperature range: -40°C +100°C

Colour: grey RAL7004

UL file number: *Pending



TYPE A

TYPE B

MANUAL RECESSED MOUNTING

Type	Cable configuration no.x Ø mm	Shape and Dimensions (LxAxS) mm	Metal plate perforation dimensions mm
9220.24/12A	12 x Ø 1÷15 mm	rectangular 24-pin, with cut-out for sheet thicknesses of 1.5 to 2.5 mm TYPE A 142x44x13	112x36
9220.24/14A	14 x Ø 1÷12.5 mm		
9220.24/17A	12 x Ø 1÷13 mm 5 x Ø 1÷10 mm		
9220.24/18A	4 x Ø 1 ÷ 16 mm 5 x Ø 1 ÷ 12,5 mm 5 x Ø 1 ÷ 11 mm 4 x Ø 1 ÷ 6.5 mm		
9220.24/19A	7 x Ø 1÷13 mm 12 x Ø 1÷7 mm		
9220.24/26A	4 x Ø 1 ÷ 16 mm 4 x Ø 1 ÷ 12 mm 16 x Ø 1 ÷ 6.5 mm 2 x ASI		
9220.24/42A	12 x Ø 1 ÷ 7.5 mm 17 x Ø 1 ÷ 6.5 mm 12 x Ø 1 ÷ 5 mm 1 x Ø 1 ÷ 4.5 mm		
9220.24/48A	48 x Ø 1 ÷ 6.5 mm		
9220.24/50A	8 x Ø 1 ÷ 9.5 mm 9 x Ø 1 ÷ 6.5 mm 33 x Ø 1 ÷ 5 mm		
9220.24/12B	12 x Ø 1÷15 mm	rectangular 24-pin, with cut-out for sheet thicknesses of 2.8 to 4 mm TYPE B 142x44x13	
9220.24/14B	14 x Ø 1÷12.5 mm		
9220.24/17B	12 x Ø 1÷13 mm 5 x Ø 1÷10 mm		
9220.24/18B	4 x Ø 1 ÷ 16 mm 5 x Ø 1 ÷ 12,5 mm 5 x Ø 1 ÷ 11 mm 4 x Ø 1 ÷ 6.5 mm		
9220.24/19B	7 x Ø 1÷13 mm 12 x Ø 1÷7 mm		
9220.24/26B	4 x Ø 1 ÷ 16 mm 4 x Ø 1 ÷ 12 mm 16 x Ø 1 ÷ 6.5 mm 2 x ASI		
9220.24/42B	12 x Ø 1 ÷ 7.5 mm 17 x Ø 1 ÷ 6.5 mm 12 x Ø 1 ÷ 5 mm 1 x Ø 1 ÷ 4.5 mm		
9220.24/48B	48 x Ø 1 ÷ 6.5 mm		
9220.24/50B	8 x Ø 1 ÷ 9.5 mm 9 x Ø 1 ÷ 6.5 mm 33 x Ø 1 ÷ 5 mm		

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