















# Application examples

## External Protection\*

Suitable for		Protective Caps			Grip Caps		Screw Caps	
External thread	External diameter	 GPN 200 Page 7 / 8	 GPN 205 Page 10	 GPN 610 Page 23/24	 GPN 211 Page 38	 GPN 215 Page 39	 GPN 800 Page 43/44	 GPN 801 Page 45
M 6	6,00	200 Z 6x10			211 ZL 6x20			
M 8	8,00	200 Z 8x10		610 U 5	211 ZL 8x20	215 ML 8x20	800 M 8	
M 10	10,00	200 Z 10x6	205 K 10x12	610 U 7	211 ZL 10x20	215 ML 10x20	800 M 10	
M 12	12,00	200 Z 12x10	205 K 12x12	610 U 10	211 ZL 12x20	215 ML 12x20	800 M 12	
M 14	14,00	200 Z 14x10	205 K 14x14	610 U 12	211 ZL 13x20	215 ML 14x20	800 M 14	
M 16	16,00	200 Z 16x15	205 K 16x16	610 U 14	211 ZL 15x20	215 ML 16x20	800 M 16	
M 18	18,00	200 Z 18x20	205 K 18x18	610 U 17	211 ZL 17x20	215 ML 18x20	800 M 18	
M 20	20,00	200 Z 20x20	205 K 20x20	610 U 19	211 ZL 18x20	215 ML 20x20	800 M 20	
M 22	22,00	200 Z 22x18	205 K 22x22	610 U 21	211 ZL 20x20		800 M 22	
M 24	24,00	200 Z 24x18			211 ZL 24x20	215 ML 24x20	800 M 24	
M 12x1,5	12,00	200 Z 12x16	205 K 12x12	610 U 9	211 ZL 11 x 20	215 ML 12x20	800 M 12x1,5	801 M 12x1,5
M 14x1,5	14,00	200 Z 14x20	205 K 14x14	610 U 13	211 ZL 13x20	215 ML 14x20	800 M 14x1,5	801 M 14x1,5
M 16x1,5	16,00	200 Z 16x20	205 K 16x16	610 U 14	211 ZL 15x20	215 ML 16x20	800 M 16x1,5	801 M 16x1,5
M 18x1,5	18,00	200 Z 18x20	205 K 18x18	610 U 17	211 ZL 17x20	215 ML 18x20	800 M 18x1,5	801 M 18x1,5
M 20x1,5	20,00	200 Z 20x20	205 K 20x20	610 U 19	211 ZL 18x20	215 ML 20x20	800 M 20x1,5	801 M 22x1,5
M 22x1,5	22,00	200 Z 22x18	205 K 22x22	610 U 21	211 ZL 20x20		800 M 22x1,5	
M 24x1,5	24,00	200 Z 24x18			211 ZL 24x20	215 ML 24x20	800 M 24x1,5	
M 26x1,5	26,00			610 U 24			800 M 26x1,5	801 M 26x1,5
M 28x1,5	28,00	200 Z 28x20		610 U 25			800 M 28x1,5	
M 30x1,5	30,00	200 Z 30x22		610 U 26			800 M 30x1,5	801 M 30x1,5
M 32x1,5	32,00	200 Z 32x22		610 U 27				
M 34x1,5	34,00							
G 1/4	13,16	200 G 1/4	205 G 1/4	610 U 11	211 ZL 13x20		800 G 1/4	
G 3/8	16,66	200 G 3/8	205 G 3/8	610 U 15	211 ZL 15x20		800 G 3/8	
G 1/2	20,96	200 G 1/2	205 G 1/2	610 U 20	211 ZL 20x20		800 G 1/2	
G 3/4	26,44	200 G 3/4	205 G 3/4	610 U 24	211 ZL 24x20		800 G 3/4	
G 1	33,25	200 G 1	205 G 1	610 U 28			800 G 1	
G 1 1/4	41,91	200 Z 42x27		610 U 32			800 G 1 1/4	
G 1 1/2	47,80	200 Z 48x30		610 U 35			800 G 1 1/2	

\* These examples are for a quick and easy selection of common protection solutions. However they only represent a small selection of the whole KAPSTO® product range. For testing in your particular application please request **free samples** from our standard catalogue. Please contact us to help with your unique or custom design. Need a different color or material? Please see our "Materials and Colors" selections on pages 108/109 for further customizing to support your unique applications. Take advantage of our personal customer service by calling **+49 4442 982-9100**. You can also use our product search feature on our website: [www.poeppelmann.com](http://www.poeppelmann.com).

## Internal Protection\*

Suitable for		Protective Plugs		Grip Plugs			Screw Plugs	
Internal thread	Internal diameter	 GPN 300 Page 53	 GPN 620 Page 72	 GPN 310 Page 80	 GPN 615 Page 86	 GPN 630 Page 87	 GPN 700 Page 89/90	 GPN 735 Page 95
M 6	4,92		620 U 1 B				700 M 6	
M 8	6,65	300 F 2	620 U 2 B			630 M 8x1	700 M 8	
M 10	8,38	300 F 031	620 U 3 B				700 M 10	
M 12	10,11	300 F 042	620 U 5 B				700 M 12	
M 14	11,84	300 F 9	620 U 7 B	310 G 13			700 M 14	
M 16	13,84	300 F 11	620 U 9 B				700 M 16	
M 18	15,29	300 F 12	620 U 11 B	310 G 16			700 M 18	
M 20	17,29		620 U 14 B				700 M 20	
M 22	19,29	300 F 183	620 U 16 B	310 G 21			700 M 22	
M 24	20,75	300 F 184	620 U 18 B	310 G 22			700 M 24	
M 12x1,5	10,38	300 F 5	620 U 5 B	310 G 13	615 UL 107	630 M 12x1	700 M 12x1,5	735 M 12x1,5
M 14x1,5	12,38	300 F 9	620 U 8 B	310 G 13	615 UL 127	630 M 14x1,5	700 M 14x1,5	735 M 14x1,5
M 16x1,5	14,38	300 F 111	620 U 11 B		615 UL 147	630 M 16x1,5	700 M 16x1,5	735 M 16x1,5
M 18x1,5	16,38	300 F 14	620 U 13 B		615 UL 167	630 M 18x1,5	700 M 18x1,5	735 M 18x1,5
M 20x1,5	18,38		620 U 15 B	310 G 21	615 UL 187		700 M 20x1,5	735 M 20x1,5
M 22x1,5	20,38	300 F 19	620 U 18 B	310 G 22	615 UL 207		700 M 22x1,5	735 M 22x1,5
M 24x1,5	22,38		620 U 19 B	310 G 23		630 M 24x1,5	700 M 24x1,5	
M 26x1,5	24,38	300 F 23	620 U 21 B	310 G 25	615 UL 241		700 M 26x1,5	735 M 26x1,5
M 28x1,5	26,38		620 U 22 B	310 G 28				
M 30x1,5	28,38	300 F 24	620 U 24 B	310 G 30			700 M 30x1,5	
M 32x1,5	30,38	300 F 242	620 U 25 B		615 UL 309			
M 34x1,5	32,38		620 U 26 B					
G 1/4	11,45	300 F 7	620 U 7 B	310 G 13	615 UL 114		700 G 1/4	735 G 1/4
G 3/8	14,95	300 F 12	620 U 11 B	310 G 16	615 UL 152		700 G 3/8	735 G 3/8
G 1/2	18,63	300 F 18	620 U 15 B	310 G 21	615 UL 187		700 G 1/2	735 G 1/2
G 3/4	24,12	300 F 23	620 U 21 B	310 G 25	615 UL 241		700 G 3/4	735 G 3/4
G 1	30,29	300 F 241	620 U 25 B		615 UL 309			735 G 1 1/4
G 1 1/4	38,95		620 U 29 B					735 G 1 1/2
G 1 1/2	44,85				615 UL 448			

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Unified fine thread

M 24 mm x 1 mm x

Characteristics  
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Multi Functional.  
Additional information.

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17.0	13.0	8	45.0	630 M 10x1
18.0	14.0	8	50.0	630 M 12x1
19.0	15.0	8	55.0	630 M 14x1
20.0	16.0	8	60.0	630 M 16x1
22.0	18.0	8	70.0	630 M 20x1
24.0	20.0	8	80.0	630 M 25x1
26.0	22.0	8	90.0	630 M 30x1
28.0	24.0	8	100.0	630 M 35x1
30.0	26.0	8	110.0	630 M 40x1

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