

KP SERIES

COLUMN AND CORNER PROTECTION






Revision: 11 February 2025 9:02 AM
Boplan reference: KP...



PRODUCT SPECIFICATIONS

APPLICATION	
Environment	Air columns for controlled impact absorption. Retains its original shape due to its extensive absorbing capacities. Column protectors prevent structural damage to columns, posts & pillars in warehouses, production halls, airports and parking facilities. Stackable on top of each other for higher protection.
Impact performance at 90°	KP: 2200 Joule (Eq. to 2,5 ton - 3 mph)
MATERIAL	
Column protector	Rexilene® - UV resistant - Fire class E ⁺ - Non conductive - Impervious to most chemicals ^{**}
Straps	Velcro® ties
STANDARD COLORS	
Column protector	H1100: Yellow RAL 1003 H500: Yellow RAL1003 & Red RAL 3002
Straps	Black
FIXATIONS	
Velcro straps	Black straps to hold both halves together
Bolt fixation (optional)	KP fixation set (2) ZC - H19.7 - KP 200/300 KP fixation set (4) ZC - H43.3 - KP 100/150/200/300/400 KP fixation set (6) ZC - H43.3 - KP 500/600
REQUIREMENTS	
Environment	Indoor and outdoor use
Working Temperatures	50°F up to 104°F

*Classification according to EN 13501-1:2007 +A1:2009 - Fire classification of construction products and building elements.
** Ask your local sales office for resistance to specific chemicals.

boplan		IMPACT LABEL FOR SAFETY BARRIERS	
BOPLAN COLUMN PROTECTORS			
IMPACT RATING		90°	
E80	< 80 kJ		
E60	< 60 kJ		
E50	< 50 kJ		
E40	< 40 kJ		
E35	< 35 kJ		
E30	< 30 kJ		
E25	< 25 kJ		
E20	< 20 kJ		
E15	< 15 kJ		
E10	< 10 kJ		
E5	< 5,0 kJ		
E2	< 2,5 kJ		
TEST CONDITIONS		TEST VEHICLE	
 TEMPERATURE: 20°C / 68°F IMPACT HEIGHT: 1000 mm / 40 inch IMPACT ANGLE: 90° TEST FLOOR: CONCRETE C25/30 - 160 mm / 6 inch MANUFACTURER ANCHOR PULL OUT: na		 WEIGHT: 2300 KG / 5070.63 lbs TYPE: COMMERCIAL FORK LIFT SIZE (L x W x h): 1890x1020x1970 mm / 74x40x78 inch CONTACT AREA: STEEL BUMPER WIDTH: 600 mm / 24 inch	
BOPLAN TEST CENTRE		PRODUCT TESTED	
Muizelstraat 12 8560 Moorsele Belgium			
SUCCESS CRITERIA			
VEHICLE STOPPED - ASI (ACCELERATION SEVERITY INDEX) < 0.5			

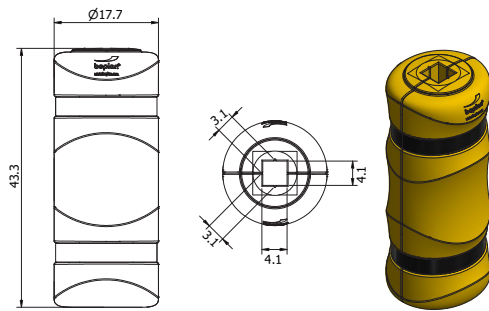


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KP100 - H43.3 in

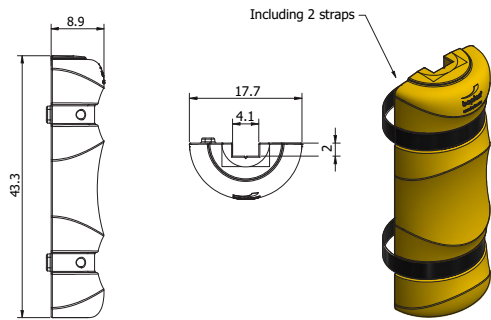
KP1000-1100-S200YE

2 halves (2 straps 71 in included)



KP1000-1100-S100YE

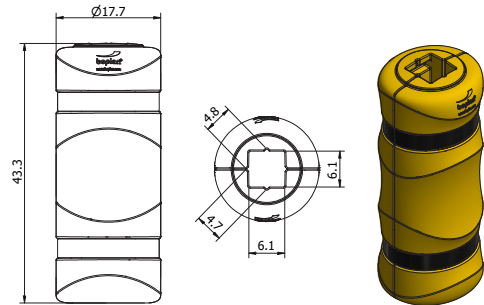
1 halve (2 straps 71 in included)



KP150 - H43.3 in

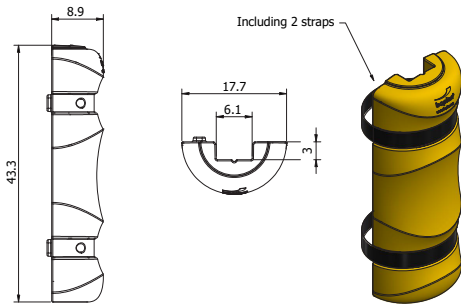
KP1500-1100-S200YE

2 halves (2 straps 71 in included)



KP1500-1100-S100YE

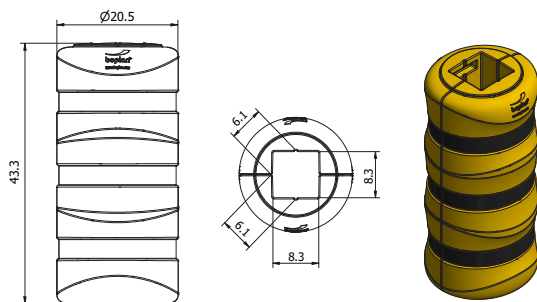
1 halve (2 straps 71 in included)



KP200 - H43.3 in

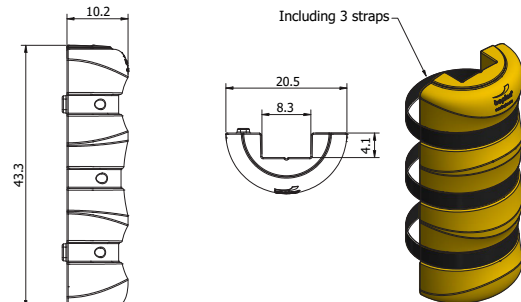
KP2000-1100-S200YE

2 halves (3 straps 94.5 in included)



KP2000-1100-S100YE

1 halve (3 straps 94.5 in included)

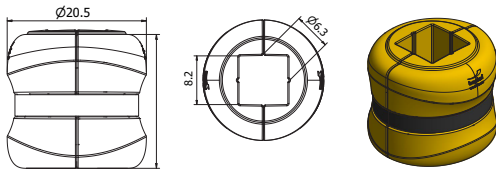


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KP200 - H19.7 in

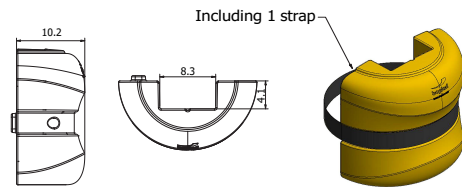
KP2000-0500-S200YE
KP2000-0500-S200RE ■

2 halves (1 strap 94.5 in included)



KP2000-0500-S100YE
KP2000-0500-S100RE ■

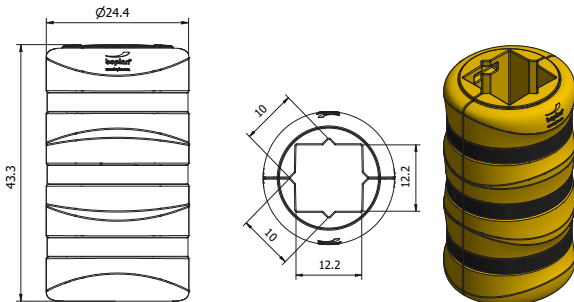
1 halve (1 strap 94.5 in included)



KP300 - H43.3 in

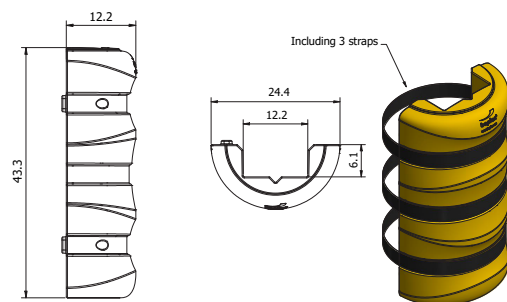
KP3000-1100-S200YE

2 halves (3 straps 94.5 in included)



KP3000-1100-S100YE

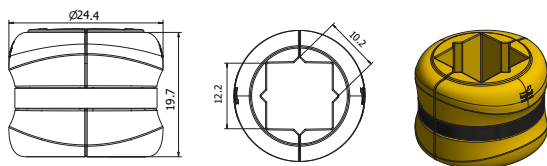
1 halve (3 straps 94.5 in included)



KP300 - H19.7 in

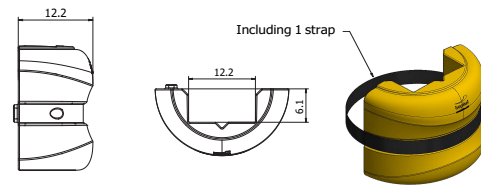
KP3000-0500-S200YE
KP3000-0500-S200RE ■

2 halves (1 strap 134 in included)



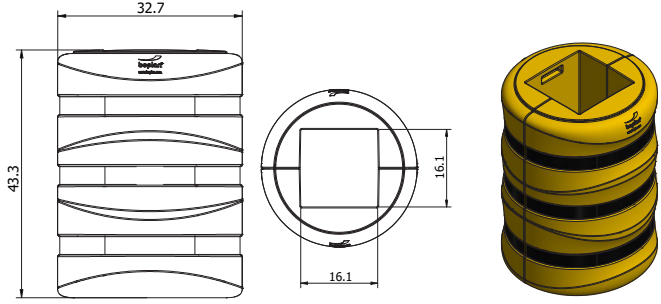
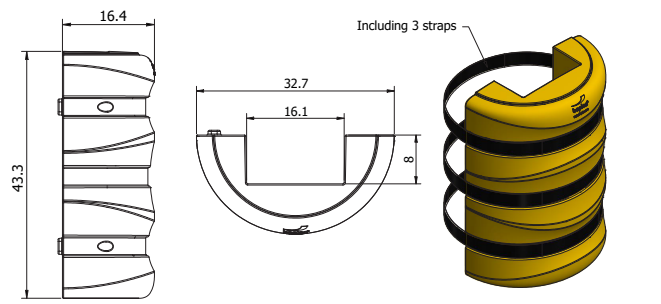
KP3000-0500-S100YE
KP3000-0500-S100RE ■

1 halve (1 strap 134 in included)

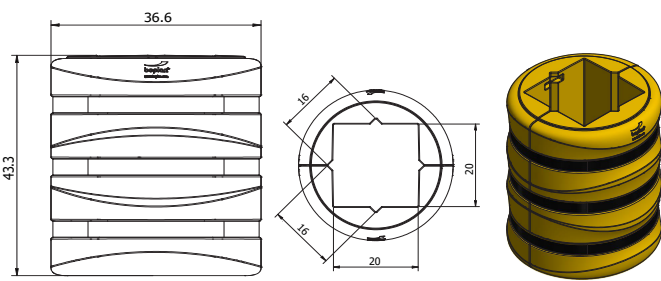
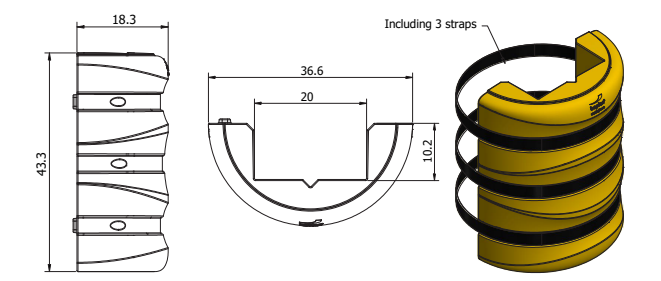


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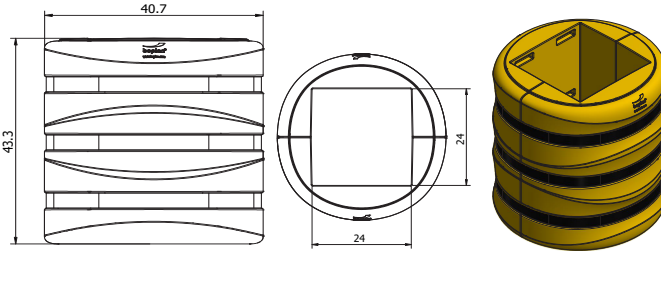
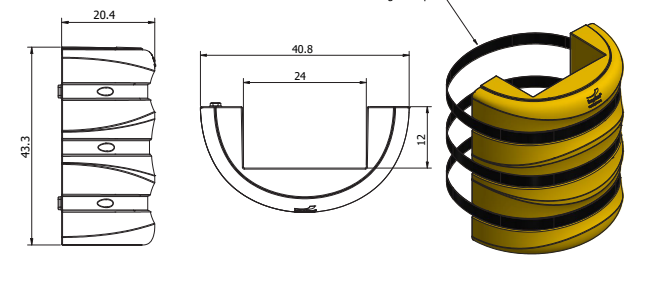
KP400 - H43.3 in

KP4000-1100-S200YE	KP4000-1100-S100YE
2 halves (3 straps 134 in included)	1 halve (3 straps 134 in included)
	

KP500 - H43.3 in

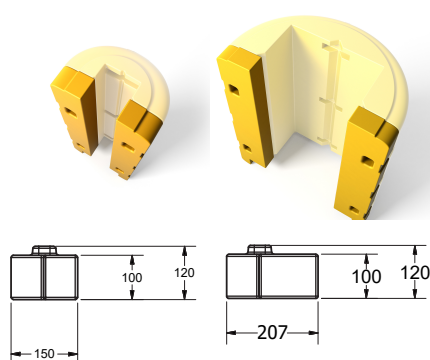
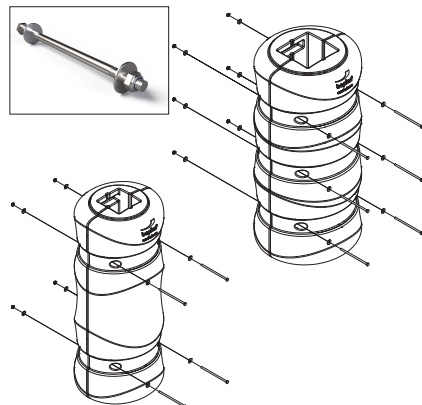
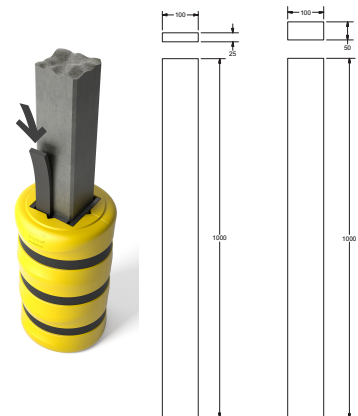
KP5000-1100-S200YE	KP5000-1100-S100YE
2 halves (3 straps 134 in included)	1 halve (3 straps 134 in included)
	

KP600 - H43.3 in

KP6000-1100-S200YE	KP6000-1100-S100YE
2 halves (3 straps 157.5 in included)	1 halve (3 straps 157.5 in included)
	

REFERENCE LIST - KP SERIES

ACCESSORIES

KP0099-1100-300YE KP0099-1100-600YE	KP0099-8180-S200ZC KP0099-8180-S400ZC KP0099-8180-S600ZC	KP0099-1000-1025BL KP0099-1000-1050BL
Extension for KP100/150/200/300 - H43.3in - 4in - YE - 1 PIECE Extension for KP400/500/600 - H43.3in - 4IN - YE - 1 PIECE	Fixation set (2) for KP H19.7 - 200/300 Fixation set (4) for KP H43.3 - 100/150/200/300/400 Fixation set (6) for KP H43.3 - 500/600	KP Fill up foam - 1 in thick KP Fill up foam - 2 in thick
		

COLUMN STRAP SETS

KP0099-1800-S200BL	Column strap set (2) - 100/150 - L71in - BL	
KP0099-2400-S100BL	Column strap set (1) - 200/300 - L94.5 in - BL	
KP0099-2400-S300BL	Column strap set (3) - 200/300 - L94.5in - BL	
KP0099-3400-S300BL	Column strap set (3) - 400/500 - L134 in - BL	
KP0099-4000-S300BL	Column strap set (3) - 600 - L157.5in - BL	

