PUNTELLI TELESCOPICI

ADJUSTABLE PROPS FOR FLOOR

Puntelli Telescopici
Villalta srl offre diverse versioni di puntelli, in modo da risolvere qualsiasi esigenza di portata si presenti, fino a mt. 5,50 di altezza. Quindi, data l'importanza che questo articolo ricopre nel settore dell'edilizia, Villalta srl ha sviluppato 5 classi di puntelli regolabili in base alla normativa europea, che permettono di armare le gettate di solette e soffitti qualunque sia il sistema usato (travi rompitratta, legname, casseforme, ecc...) offrendo millimetriche possibilità di regolazione tra le posizioni chiuse e completamente aperte e diversi carichi di utilizzo.

Adjustable props for floor
Villalta srl fabricates different types of props to solve every requirement of loading capacity up to 5,50 mt height. Considering the importance of this product in the building industry Villalta srl developed 5 classes of adjustable props according to the European Norm that permit to reinforce the concrete layer of slabs and ceilings whichever will be the adopted system (inter-tie girder, timber, formworks, etc...), offering millimetric possibilites of adjustment between closed and fully open positions and different using loads.

FTA since 1967

VillaltaSrl
Ponteggi Fav 3 | Puntelli | Tubo & Giunto

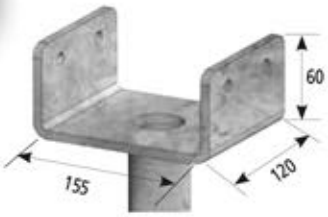
Puntelli omologati DIN EN 1065 Classe A
Props homologated according to DIN EN 1065 Class A

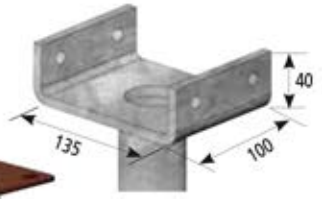
mod. (cm)	A25 KN	A30 KN	A35 KN	A40 KN
400				7,50
390				7,89
380				8,31
370				8,77
360				9,26
350			8,57	9,80
340			9,08	10,38
330			9,64	11,02
320			10,25	11,72
310			10,93	12,49
300		10,00	11,67	13,33
290		10,70	12,49	14,27
280		11,48	13,39	15,31
270		12,35	14,40	16,46
260		13,31	15,53	17,75
250	12,00	14,40	16,80	19,20
240	13,02	15,63	18,23	20,83
230	14,18	17,01	19,85	22,68
220	15,50	18,60	21,69	
210	17,01	20,41	23,81	
200	18,75	22,50	25,88	
190	20,78	24,93		
180	23,15	25,88		
170	25,88			
160	25,88			
150	25,88			

1 kN=102 Kg

CLASSE A HPE ghiera esterna o manicotto
Calcolati secondo la classe, l'altezza e la massima estensione in base alla seguente equazione:
Carico amissibile = $30 \frac{max\ l}{l^2}$ in kN fino a 25,9 kN

CLASS A HPE open thread or sleeve cover thread
Calculated according to the class and lenght at the maximum extension in accordance with the following equation:
Allowable load = $30 \frac{max\ l}{l^2}$ *kN to 25,9 kN*





Tubo interno ø 48,3 — *Inner pipe ø 48,3*
Tubo esterno ø 57 — *Outer pipe ø 57*
Gancio ø 14 — *Pin ø 14*

Tubo interno ø 48,3 — *Inner pipe ø 48,3*
Tubo esterno ø 60 — *Outer pipe ø 60*
Gancio ø 14 — *Pin ø 14*

Puntelli omologati DIN EN 1065 Classe B
Props homologated according to DIN EN 1065 Class B

mod. (cm)	B30 KN	B35 KN	B40 KN	B45 KN
450				8,89
440				9,30
430				9,73
420				10,20
410				10,71
400			10,00	11,25
390			10,52	11,83
380			11,08	12,47
370			11,69	13,15
360			12,35	13,89
350		11,43	13,06	14,69
340		12,11	13,84	15,57
330		12,86	14,69	16,53
320		13,67	15,63	17,58
310		14,57	16,65	18,73
300	13,33	15,56	17,78	20,00
290	14,27	16,65	19,02	21,40
280	15,31	17,86	20,41	22,96
270	16,46	19,20	21,95	24,69
260	17,75	20,71	23,67	26,63
250	19,20	22,40	25,60	28,80
240	20,83	24,31	27,78	30,00
230	22,68	26,47	30,00	
220	24,79	28,93		
210	27,21	30,00		
200	30,00	30,00		
190	30,00			
180	30,00			

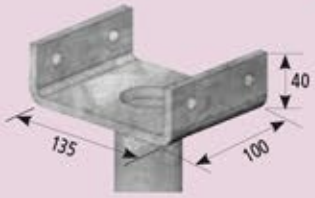
1 kN=102 Kg

CLASSE B HPE ghiera esterna o manicotto
Calcolati secondo la classe, l'altezza e la massima estensione in base alla seguente equazione:
Carico amissibile = $40 \frac{max\ l}{l^2}$ in kN fino a 30 kN

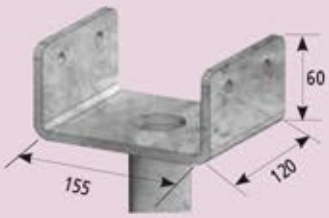
CLASS B HPE open thread or sleeve cover thread
Calculated according to the class and length at the maximum extension in accordance with the following equation:
Allowable load = $40 \frac{max\ l}{l^2}$ *kN to 30 kN*

Tubo interno ø 48,3 — *Inner pipe ø 48,3*
Tubo esterno ø 57 — *Outer pipe ø 57*
Gancio ø 14 — *Pin ø 14*

* = option



Tubo interno ø 48,3 — *Inner pipe ø 48,3*
Tubo esterno ø 60 — *Outer pipe ø 60*
Gancio ø 14 — *Pin ø 14*



Puntelli omologati DIN EN 1065 Classe C
Props homologated according to DIN EN 1065 Class C

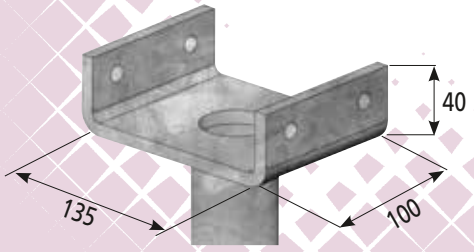
CLASSE C HPE ghiera esterna
Calcolati secondo la classe, l'altezza e una qualsiasi estensione in base alla seguente equazione:
Carico amissibile = $60 \frac{max\ l}{l^2}$ in kN fino a 35 kN

CLASS C HPE open thread
Calculated according to the class and length at any extension in accordance with the following equation:
Allowable load = $60 \frac{max\ l}{l^2}$ *kN to 35 kN*

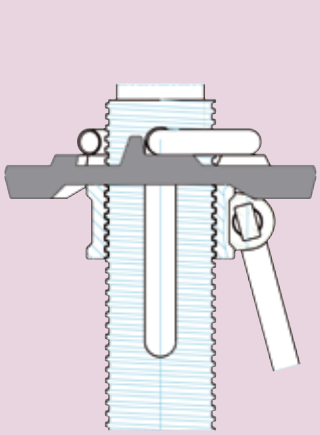
mod. (cm)	C/E30 KN	C/D35 KN	C40 KN	C45 KN	C55 KN
550					10,91
540					11,32
530					11,75
520					12,20
510					12,69
500					13,20
490					13,74
480					14,32
470					14,94
460					15,60
450				13,33	16,30
440				13,95	17,05
430				14,60	17,85
420				15,31	18,71
410				16,06	19,63
400			15,00	16,87	20,62
390			15,78	17,75	21,70
380			16,62	18,70	22,85
370			17,53	19,72	24,11
360			18,52	20,83	25,46
350		20,00	19,59	22,04	26,94
340		20,00	20,76	23,36	28,55
330		20,00	22,04	24,79	30,30
320		20,51	23,44	26,37	32,23
310		21,85	24,97	28,10	34,34
300	30,00	23,33	26,67	30,00	35,00
290	30,00	24,97	28,54	32,10	
280	30,00	26,79	30,61	34,44	
270	30,00	28,81	32,92	35,00	
260	30,00	31,07	35,00	35,00	
250	30,00	33,60	35,00	35,00	
240	31,25	35,00	35,00		
230	34,03	35,00	35,00		
220	35,00	35,00			
210	35,00	35,00			
200	35,00	35,00			
190	35,00				
180	35,00				

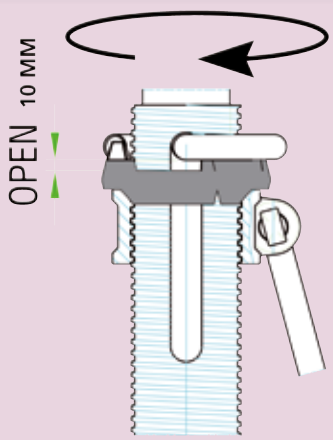
1 kN=102 Kg

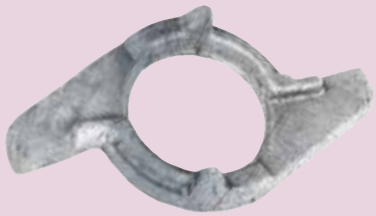
Tubo interno ø 63,5 *Inner pipe ø 63,5*
Tubo esterno ø 76 *Outer pipe ø 76*
Gancio ø 16 *Pin ø 16*



Sganciatore optional per tutti i puntelli ø 48-60-76
Quick release ø 48-60-76 optional for all props







Puntelli omologati DIN EN 1065 Classe D
Props homologated according to DIN EN 1065 Class D

CLASSE D HPE ghiera esterna

I puntelli Classe D con ghiera esterna HPE hanno sempre la stessa portata - esattamente uguale a prescindere dall'altezza di estrazione:
carico ammissibile: 20 KN come previsto dalla normativa europea EN 1065 Classe D.

$ZulF_D = 20\ kN$

CLASS D HPE open thread

Props Class D with open thread HPE have the same load at each extension height:
Allowable load:
20 KN according to the EURO NORM EN 1065 Class D.

$ZulF_D = 20\ kN$

mod. cm	B/D25 KN	B/D30 KN	C/D35 KN	D40 KN	D45 KN	D50 KN	D55 KN
550							20,00
500						20,00	20,00
450					20,00	20,00	20,00
400				20,00	20,00	20,00	20,00
350			20,00	20,00	20,00	20,00	20,00
340			20,00	20,00	20,00	20,00	20,00
330			20,00	20,00	20,00	20,00	20,00
320			20,51	20,00	20,00	20,00	20,00
310			21,85	20,00	20,00	20,00	20,00
300		20,00	23,33	20,00	20,00	20,00	20,00
290		20,00	24,97	20,00	20,00	20,00	
280		20,00	26,79	20,00	20,00	20,00	
270		20,00	28,81	20,00	20,00		
260		20,00	31,07	20,00	20,00		
250	20,00	20,00	33,60	20,00			
240	20,83	20,83	35,00	20,00			
230	22,68	22,68	35,00	20,00			
220	24,79	24,79	35,00				
210	27,21	27,21	35,00				
200	30,00	30,00	35,00				
190	30,00	30,00					
180	30,00	30,00					
170	30,00						
160	30,00						
150	30,00						

1 kN=102 Kg

Tubo interno *Inner pipe*	ø 48/63,5/76 *ø 48/63,5/76*
Tubo esterno *Outer pipe*	ø 60/76/88,9 *ø 60/76/88,9*
Gancio *Pin*	ø 14/16 *ø 14/16*

Puntelli omologati DIN EN 1065 Classe E
Props homologated according to DIN EN 1065 Class E

DIN EN 1065 Classe E

Puntelli telescopici classe E con ghiera esterna HPE.
Avente portata calcolata secondo equazione indicata dalla normativa

$$Zul\ F_C = 60 \times \frac{max\ l}{l^2} \quad \text{in kN, fino 35 kN}$$

$$Zul\ F_E = 30\ kN$$

DIN EN 1065 Class E

Adjustable telescopic steel props for the class E bzw. E with exposed thread.
Calculated according to the class and the lenght at the maximum extension in accordance with the following equation.

$$Zul\ F_C = 60 \times \frac{max\ l}{l^2} \quad \text{in kN, to 35 kN}$$

$$Zul\ F_E = 30\ kN$$

mod. (cm)	E 25 KN	C/E 30 KN	E 35 KN	E 40 KN	E 45 KN
450					30,00
440					30,00
430					30,00
420					30,00
410					30,00
400				30,00	30,00
390				30,00	30,00
380				30,00	30,00
370				30,00	30,00
360				30,00	30,00
350			30,00	30,00	30,00
340			30,00	30,00	30,00
330			30,00	30,00	30,00
320			30,00	30,00	30,00
310			30,00	30,00	30,00
300		30,00	30,00	30,00	30,00
290		30,00	30,00	30,00	30,00
280		30,00	30,00	30,00	30,00
270		30,00	30,00	30,00	30,00
260		30,00	30,00	30,00	30,00
250	30,00	30,00	30,00	30,00	
240	30,00	31,25	30,00	30,00	
230	30,00	34,03	30,00	30,00	
220	30,00	35,00	30,00		
210	30,00	35,00	30,00		
200	30,00	35,00	30,00		
190	30,00	35,00			
180	30,00	35,00			
170	30,00				
160	30,00				
150	30,00				

1 kN=102 Kg

Tubo interno	ø 63,5 / 76	*Inner pipe*	*ø 63,5 / 76*
Tubo esterno	ø 76 / 88,9	*Outer pipe*	*ø 76 / 88,9*
Gancio	ø 16	*Pin*	*ø 16*

High-quality optional nut

The shape of the lowering nut shows the direction for lowering when under load.

Villalta Srl
Ponteggi Fav 3 Puntelli Tubo & Giunto

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