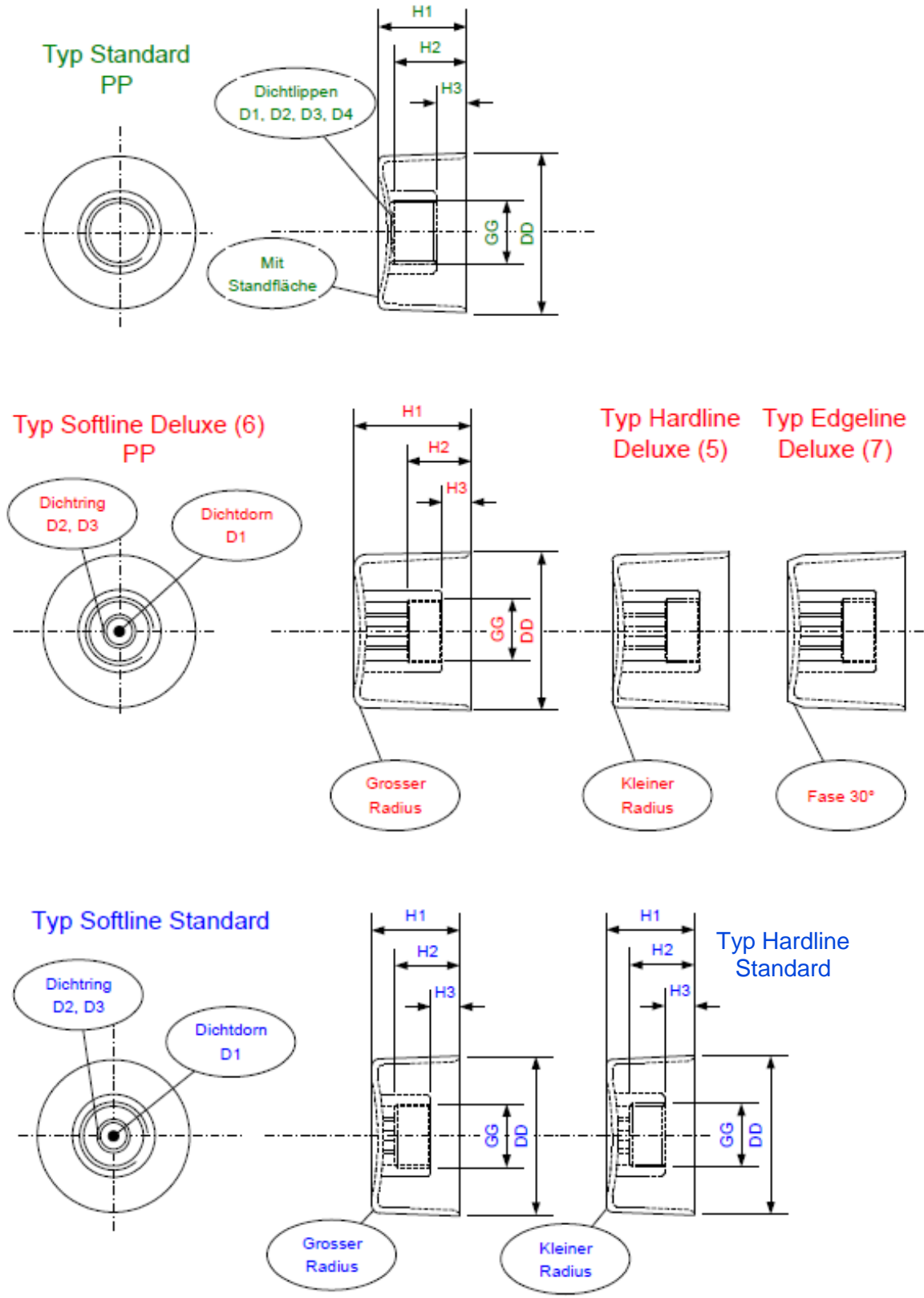


DE
 Übersicht Verschlussreihe Standard Classic, Softline Standard, Hardline Standard, Hardline Deluxe, Softline Deluxe, Edgeline Deluxe und S13.

EN
 Review of tube caps, Standard Classic, Softline Standard, Hardline Standard, Hardline Deluxe, Softline Deluxe, Edgeline Deluxe and S13 line .

FR
 Bouchons de tube – résumé des Standard Classic, Softline Standard, Hardline Standard, Hardline Deluxe, Softline Deluxe, Edgeline Deluxe et S13 line.



Standard Classic

Artikelnummer item nr. no. d'article	Zeichnungsnummer drawing no. no. de plan	Tubendurchmesser diameter of tube diamètre de tube	Stückgewicht weight p. piece poids par pièce	Aussendurchmesser external diameter diamètre extérieur	Gewinde thread filetage			Höhe height hauteur			Dichtlippe sealing lips lèvres d'étanchéité				Aussenform glänzend external surface glossy surface extérieure brillante	Aussenform matt external surface mat surface extérieure mate	Aussenform geriffelt external surface chequered surface extérieure avec canelure
				DD	GG	GG	GG	H1	H2	H3	D1	D2	D3	D4			
		mm	gr	mm	M11 x1.5	M15 x1.5	S22 x3	mm	mm	mm	mm	mm	mm	mm			
H-171129	412502	19	1	17.7	●			11.3	7.8	1.8	4	7.6				●	
H-181121	412384	19	1.2	18.4	●			11.3	7.8	1.8	4	7.6		●			
H-181126	412384	19	1.2	18.4	●			11.3	7.8	1.8	4	7.6			●		
H-181129	412393	19	1.2	18.4	●			11.3	7.8	1.8	4	7.6				●	
H-24111	412100-02	25	1.6	24.2	●			12.8	9.3	3.5	4.5	6.9		●			
H-24116	412100-02	25	1.6	24.2	●			12.8	9.3	3.5	4.5	6.9			●		
H-24119	412367	25	1.6	24.3	●			12.8	9.3	3.5	4.5	6.9				●	
H-29151	412090-01	30	2.3	29		●		15	10.9	4.5	4.1	6.6	9	11.5	●		
H-29156	412090-01	30	2.3	29		●		15	10.9	4.5	4.1	6.6	9	11.5		●	
H-29159	412073	30	2.3	29,4		●		15	10.9	4.5	4.0	6.5	9	11.5		●	
H-2915S1	412750	30	2.3	29,4		●		15	10.5	4.5	4.0	6.5	9	11.5	●		
H-2915S6	412750	30	2.3	29,4		●		15	10.5	4.5	4.0	6.5	9	11.5		●	
H-2915S9	412362	30	2.3	29,4		●		15	10.5	4.5	4.0	6.5	9	11.5		●	
H-341521	412157	35	3.1	34.1		●		16	12	5.9	4.5	7.1	9.7	12.3	●		
H-341526	412157	35	3.1	34.1		●		16	12	5.9	4.5	7.1	9.7	12.3		●	
H-341529	412156	35	3.1	34.1		●		16	12	5.9	4.5	7.1	9.7	12.3		●	
H-381531	412185	40	4.1	38.5		●		19.5	13	6.3	11.3				●		
H-381536	412185	40	4.1	38.5		●		19.5	13	6.3	11.3					●	
H-381539	412186	40	4.1	38.5		●		19.5	13	6.3	11.3					●	
H-482231	411970-02	50	6.1	48			●	21	17.5	8.3	6	10	17.7		●		
H-482236	411970-02	50	6.1	48			●	21	17.5	8.3	6	10	17.7			●	
H-482239	411971-01	50	5.9	48			●	21	17.5	8.3	6	10	17.7			●	
H-482281	412407-01	50	8.7	48			●	26	17.1	8.4		9	15		●		
H-482286	412407-01	50	8.7	48			●	26	17.1	8.4		9	15			●	
H-482289	412408-01	50	8.2	48			●	26	17.1	8.4		9	15			●	



Softline Standard

Artikelnummer item nr. no. d'article	Zeichnungsnummer drawing no. no. de plan	Tubendurchmesser diameter of tube diamètre de tube	Stückgewicht weight p. piece poïds par pièce	Aussendurchmesser external diameter diamètre extérieur	Gewinde thread filetage			Höhe height hauteur			Dichtlippe sealing lips lèvres d'étanchéité			Aussenform glänzend external surface glossy surface extérieure brillante	Aussenform matt external surface mat surface extérieure mate
				DD	GG	GG	GG	H1	H2	H3	D1	D2	D3		
		mm	gr	mm	M11 x1.5	M15 x1.5	S22 x3	mm	mm	mm	mm	mm	mm		
H-181142	412345	19	1.2	18.4	●			12.7	7.8	1.6		4.9	7.6	●	
H-181146	412345	19	1.2	18.4	●			12.7	7.8	1.6		4.9	7.6		●
H-241142	412168	25	1.8	24	●			14.3	9.4	3.5		4.9	7.6	●	
H-241146	412168	25	1.8	24	●			14.3	9.4	3.5		4.9	7.6		●
H-291542	412166	30	2.7	29		●		16	10.8	4.8		5.9	10.4	●	
H-291546	412166	30	2.7	29		●		16	10.8	4.8		5.9	10.4		●
H-341542	412167-01	35	3.5	34		●		17	12	5.6		5.9	11.1	●	
H-341546	412167-01	35	3.5	34		●		17	12	5.6		5.9	11.1		●
H-381542	412161	40	4.1	38		●		18	13	6.2		6	11.1	●	
H-381546	412161	40	4.1	38		●		18	13	6.2		6	11.1		●
H-482242	411974-03	50	6.6	48			●	22	17.3	8.2	4.5	10.3	16.2	●	
H-482246	411974-03	50	6.6	48			●	22	17.3	8.2	4.5	10.3	16.2		●



Hardline Standard

Artikelnummer item nr. no. d'article	Zeichnungsnummer drawing no. no. de plan	Tubendurchmesser diameter of tube diamètre de tube	Stückgewicht weight p. piece poids par pièce	Aussendurchmesser external diameter diamètre extérieur	Gewinde thread filetage			Höhe height hauteur			Dichtlippe sealing lips lèvres d'étanchéité			Aussenform glänzend external surface glossy surface extérieure brillante	Aussenform matt external surface mat surface extérieure mate
				DD	GG	GG	GG	H1	H2	H3	D1	D2	D3		
		mm	gr	mm	M11 x1.5	M15 x1.5	S22 x3	mm	mm	mm	mm	mm	mm		
H-241152S	412861	25	1.8	24	●			14.3	9.4	3.5		4.9	7.6	●	
H-241156S	412861	25	1.8	24	●			14.3	9.4	3.5		4.9	7.6		●
H-291552S	412863	30	2.7	29		●		16	10.8	4.8		5.9	10.4	●	
H-291556S	412863	30	2.7	29		●		16	10.8	4.8		5.9	10.4		●
H-341552S	412865	35	3.5	34		●		17	12	5.6		5.9	11.1	●	
H-341556S	412865	35	3.5	34		●		17	12	5.6		5.9	11.1		●
H-381552S	412867	40	4.1	38		●		18	13	6.2		6	11.1	●	
H-381556S	412867	40	4.1	38		●		18	13	6.2		6	11.1		●



Hardline Deluxe Softline Deluxe Edgeline Deluxe

Artikelnummer item nr. no. d'article		Zeichnungsnummer drawing no. no. de plan		Tubendurchmesser diameter of tube diamètre de tube	Stückgewicht weight p. piece poids par pièce	Aussendurchmesser external diameter diamètre extérieur	Typ 5 (kleiner Radius) type 5 (small radius) type 5 (petit rayon)	Typ 5 (kleiner Radius) type 5 (small radius) type 5 (petit rayon)	Typ 6 (Grosser Radius) type 6 (big radius) type 6 (grand rayon)	Typ 6 (Grosser Radius) type 6 (big radius) type 6 (grand rayon)	Typ 7 (Fase 30°) type 7 (edge 30°) type 7 (chanfrein 30°)	Typ 7 (Fase 30°) type 7 (edge 30°) type 7 (chanfrein 30°)	Gewinde thread filetage			Höhe height hauteur			Dichtlippe sealing lips lèvres d'étanchéité		
				DD	glänzend	matt	glänzend	matt	glänzend	matt	GG	GG	GG	H1	H2	H3	D1	D2	D3		
												M9 x1.25	M11 x1.5	M15 x1.5	mm	mm	mm	mm	mm	mm	
		mm	gr	mm																	
H-150952	412293-01	16	1.2	15.6	●							●				16	6.95	2.5	4		
H-150956	412293-01	16	1.2	15.6		●						●				16	6.95	2.5	4		
H-150962	412151-01	16	1.2	15.6				●				●				16	6.95	2.5	4		
H-150966	412151-01	16	1.2	15.6					●			●				16	6.95	2.5	4		
H-150972	412292-01	16	1.2	15.6						●		●				16	6.95	2.5	4		
H-150976	412292-01	16	1.2	15.6								●	●			16	6.95	2.5	4		
H-181152	412267	19	1.9	18.4	●								●			18	7.8	1.8	2.9	7.3	
H-181156	412267	19	1.9	18.4		●							●			18	7.8	1.8	2.9	7.3	
H-181162	411932-02	19	1.9	18.4				●					●			18	7.8	1.8	2.9	7.3	
H-181166	411932-02	19	1.9	18.4					●				●			18	7.8	1.8	2.9	7.3	
H-181172	412268	19	1.9	18.4						●			●			18	7.8	1.8	2.9	7.3	
H-181176	412268	19	1.9	18.4								●	●			18	7.8	1.8	2.9	7.3	
H-211152	412269	22	2.3	21.4	●								●			19.2	8.7	2.7	2.9	7.3	
H-211156	412269	22	2.3	21.4		●							●			19.2	8.7	2.7	2.9	7.3	
H-211162	411930-02	22	2.3	21.4				●					●			19.2	8.7	2.7	2.9	7.3	
H-211166	411930-02	22	2.3	21.4					●				●			19.2	8.7	2.7	2.9	7.3	
H-211172	412270	22	2.3	21.4						●			●			19.2	8.7	2.7	2.9	7.3	
H-211176	412270	22	2.3	21.4								●	●			19.2	8.7	2.7	2.9	7.3	
H-241152	412271	25	2.7	24.2	●								●			20.2	9.4	3.5	3	7.4	
H-241156	412271	25	2.7	24.2		●							●			20.2	9.4	3.5	3	7.4	
H-241162	411933-03	25	2.7	24.2				●					●			20.2	9.4	3.5	3	7.4	
H-241166	411933-03	25	2.7	24.2					●				●			20.2	9.4	3.5	3	7.4	
H-241172	412272	25	2.7	24.2						●			●			20.2	9.4	3.5	3	7.4	
H-241176	412272	25	2.7	24.2								●	●			20.2	9.4	3.5	3	7.4	
H-241152 odo*	412273	25	2.5	24.2	●								●			20.2	9.4	3.5		7.4	
H-241156 odo	412273	25	2.5	24.2		●							●			20.2	9.4	3.5		7.4	
H-241162 odo	412127-03	25	2.5	24.2				●					●			20.2	9.4	3.5		7.4	
H-241166 odo	412127-03	25	2.5	24.2					●				●			20.2	9.4	3.5		7.4	

*ohne Dichtdorn/ without sealing pin/ sans picot interne



Hardline Deluxe
Softline Deluxe
Edgeline Deluxe

Artikelnummer item nr. no. d'article	Zeichnungsnummer drawing no. no. de plan	Tubendurchmesser diameter of tube diamètre de tube	Stückgewicht weight p. piece poids par pièce	Aussendurchmesser external diameter diamètre extérieur	Typ 5 (kleiner Radius) type 5 (small radius) type 5 (petit rayon)	Typ 5 (kleiner Radius) type 5 (small radius) type 5 (petit rayon)	Typ 5 (kleiner Radius) type 5 (small radius) type 5 (petit rayon)	Typ 6 (Grosser Radius) type 6 (big radius) type 6 (grand rayon)	Typ 6 (Grosser Radius) type 6 (big radius) type 6 (grand rayon)	Typ 7 (Fase 30 °) type 7 (edge 30 °) type 7 (chanfrein 30 °)	Typ 7 (Fase 30 °) type 7 (edge 30 °) type 7 (chanfrein 30 °)	Gewinde thread filetage			Höhe height hauteur			Dichtlippe sealing lips lèvres d'étanchéité		
				DD	glänzend	matt	glänzend	matt	glänzend	matt	GG	GG	GG	H1	H2	H3	D1	D2	D3	
		mm	gr	mm								M11 x1.5	M15 x1.5	S22 x3	mm	mm	mm	mm	mm	mm
H-241172 odo*	412274	25	2.5	24.2						●			●	20.2	9.4	3.5		7.4		
H-241176 odo	412274	25	2.5	24.2							●		●	20.2	9.4	3.5		7.4		
H-291552	412275-02	30	4.1	29.1	●								●	22	10.8	4.8	4	9.8		
H-291556	412275-02	30	4.1	29.1		●							●	22	10.8	4.8	4	9.8		
H-291562	411771-03	30	4.1	29.1			●						●	22	10.8	4.8	4	9.8		
H-291566	411771-03	30	4.1	29.1				●					●	22	10.8	4.8	4	9.8		
H-291572	412276-01	30	4.1	29.1					●				●	22	10.8	4.8	4	9.8		
H-291576	412276-01	30	4.1	29.1							●		●	22	10.8	4.8	4	9.8		
H-291552 odo	412277	30	3.7	29.1	●								●	22	9.8	4.8		10		
H-291556 odo	412277	30	3.7	29.1		●							●	22	9.8	4.8		10		
H-291562 odo	412105-02	30	3.7	29.1			●						●	22	9.8	4.8		10		
H-291566 odo	412105-02	30	3.7	29.1				●					●	22	9.8	4.8		10		
H-291572 odo	412278	30	3.7	29.1					●				●	22	9.8	4.8		10		
H-291576 odo	412278	30	3.7	29.1							●		●	22	9.8	4.8		10		
H-341552	412279-01	35	5.2	34.2	●								●	23	12	5.6	4	9.8		
H-341556	412279-01	35	5.2	34.2		●							●	23	12	5.6	4	9.8		
H-341562	411753-05	35	5.2	34.2			●						●	23	12	5.6	4	9.8		
H-341566	411753-05	35	5.2	34.2				●					●	23	12	5.6	4	9.8		
H-341572	412280	35	5.2	34.2					●				●	23	12	5.6	4	9.8		
H-341576	412280	35	5.2	34.2							●		●	23	12	5.6	4	9.8		
H-341552 odo	412281	35	4.9	34.2	●								●	23	11.2	5.6		10		
H-341556 odo	412281	35	4.9	34.2		●							●	23	11.2	5.6		10		
H-341562 odo	412128	35	4.9	34.2			●						●	23	11.2	5.6		10		
H-341566 odo	412128	35	4.9	34.2				●					●	23	11.2	5.6		10		
H-341572 odo	412282	35	4.9	34.2					●				●	23	11.2	5.6		10		
H-341576 odo	412282	35	4.9	34.2						●			●	23	11.2	5.6		10		

*ohne Dichtdorn/ without sealing pin/ sans picot interne



Hardline Deluxe Softline Deluxe Edgeline Deluxe

Artikelnummer item nr. no. d'article	Zeichnungsnummer drawing no. no. de plan	Tubendurchmesser diameter of tube diamètre de tube	Stückgewicht weight p. piece poids par pièce	Aussendurchmesser external diameter diamètre extérieur	Typ 5 (kleiner Radius) type 5 (small radius) type 5 (petit rayon)	Typ 5 (kleiner Radius) type 5 (small radius) type 5 (petit rayon)	Typ 6 (Grosser Radius) type 6 (big radius) type 6 (grand rayon)	Typ 6 (Grosser Radius) type 6 (big radius) type 6 (grand rayon)	Typ 7 (Fase 30 °) type 7 (edge 30 °) type 7 (chanfrein 30 °)	Typ 7 (Fase 30 °) type 7 (edge 30 °) type 7 (chanfrein 30 °)	Gewinde thread filetage			Höhe height hauteur			Dichtlippe sealing lips lèvres d'étanchéité		
				DD	glänzend	matt	glänzend	matt	glänzend	matt	GG	GG	GG	H1	H2	H3	D1	D2	D3
		mm	gr	mm								M11 x1.5	M15 x1.5	S22 x3	mm	mm	mm	mm	mm
H-381552	412284-01	40	5.4	38.2	●							●	24	13	6.3	4	9.8		
H-381556	412284-01	40	5.4	38.2		●						●	24	13	6.3	4	9.8		
H-381562	411939-02	40	5.4	38.2			●					●	24	13	6.3	4	9.8		
H-381566	411939-02	40	5.4	38.2				●				●	24	13	6.3	4	9.8		
H-381572	412285	40	5.4	38.2					●			●	24	13	6.3	4	9.8		
H-381576	412285	40	5.4	38.2						●		●	24	13	6.3	4	9.8		
H-381552 odo*	412286	40	5.15	38.2	●							●	24	12	6.3		9.8		
H-381556 odo	412286	40	5.15	38.2		●						●	24	12	6.3		9.8		
H-381562 odo	412125-01	40	5.15	38.2			●					●	24	12	6.3		9.8		
H-381566 odo	412125-01	40	5.15	38.2				●				●	24	12	6.3		9.8		
H-381572 odo	412287	40	5.15	38.2					●			●	24	12	6.3		9.8		
H-381576 odo	412287	40	5.15	38.2						●		●	24	12	6.3		9.8		
H-482252	412289-01	50	8.1	48	●							●	27	16.5	8	4	10	17	
H-482256	412289-01	50	8.1	48		●						●	27	16.5	8	4	10	17	
H-482262	411941-02	50	8.1	48			●					●	27	16.5	8	4	10	17	
H-482266	411941-02	50	8.1	48				●				●	27	16.5	8	4	10	17	
H-482272	412290	50	8.1	48					●			●	27	16.5	8	4	10	17	
H-482276	412290	50	8.1	48						●		●	27	16.5	8	4	10	17	

*ohne Dichtdorn/ without sealing pin/ sans picot interne



S13 Line

Artikelnummer item nr. no. d'article	Zeichnungsnummer drawing no. no. de plan	Tubendurchmesser diameter of tube diamètre de tube	Stückgewicht weight p. piece poids par pièce	Aussendurchmesser external diameter diamètre extérieur	Gewinde thread filetage			Höhe height hauteur			Typ 5 (kleiner Radius) type 5 (small radius) type 5 (petit rayon)	Typ 5 (kleiner Radius) type 5 (small radius) type 5 (petit rayon)	Typ 6 (Grosser Radius) type 6 (big radius) type 6 (grand rayon)	Typ 6 (Grosser Radius) type 6 (big radius) type 6 (grand rayon)
				DD	GG	H1	H2	H3	glänzend	matt	glänzend	matt		
		mm	gr	mm	S13	mm	mm	mm						
H-241352	412648	25	2.0	24	●	17.6	14.1	4.4	●					
H-291352	412647	30	2.7	29	●	19.1	15.5	5.75	●					
H-341352	412646	35	3.4	34	●	20.4	16.8	7.1	●					
H-341362	412534	35	3.4	34	●	20.0	16.8	7.1			●			
H-341366	412534	35	3.4	34	●	20.0	16.8	7.1				●		

