

Profilati 41

Gruppo 1111

Impiego:

Permettono di realizzare facilmente e rapidamente strutture di sostegno: traverse, mensole e strutture autoportanti sul posto di installazione oppure pre-montate in officina. I profili con base **41** sono adatti per la slitta di scorrimento S1.

Fornitura:

I profilati doppi (sistema con base **41**) sono uniti mediante ribattitura.

Montaggio:

In caso di necessità si possono costruire dei profilati doppi direttamente in cantiere unendo due profili singoli:

- con le asole tipo **2**: utilizzare bulloni M8 x 16
- con le asole tipo **3** e **4**: utilizzare il morsetto di accoppiamento KL 1

Attenzione: i profilati devono essere fissati tra loro ogni 250 mm comprese le parti terminali!

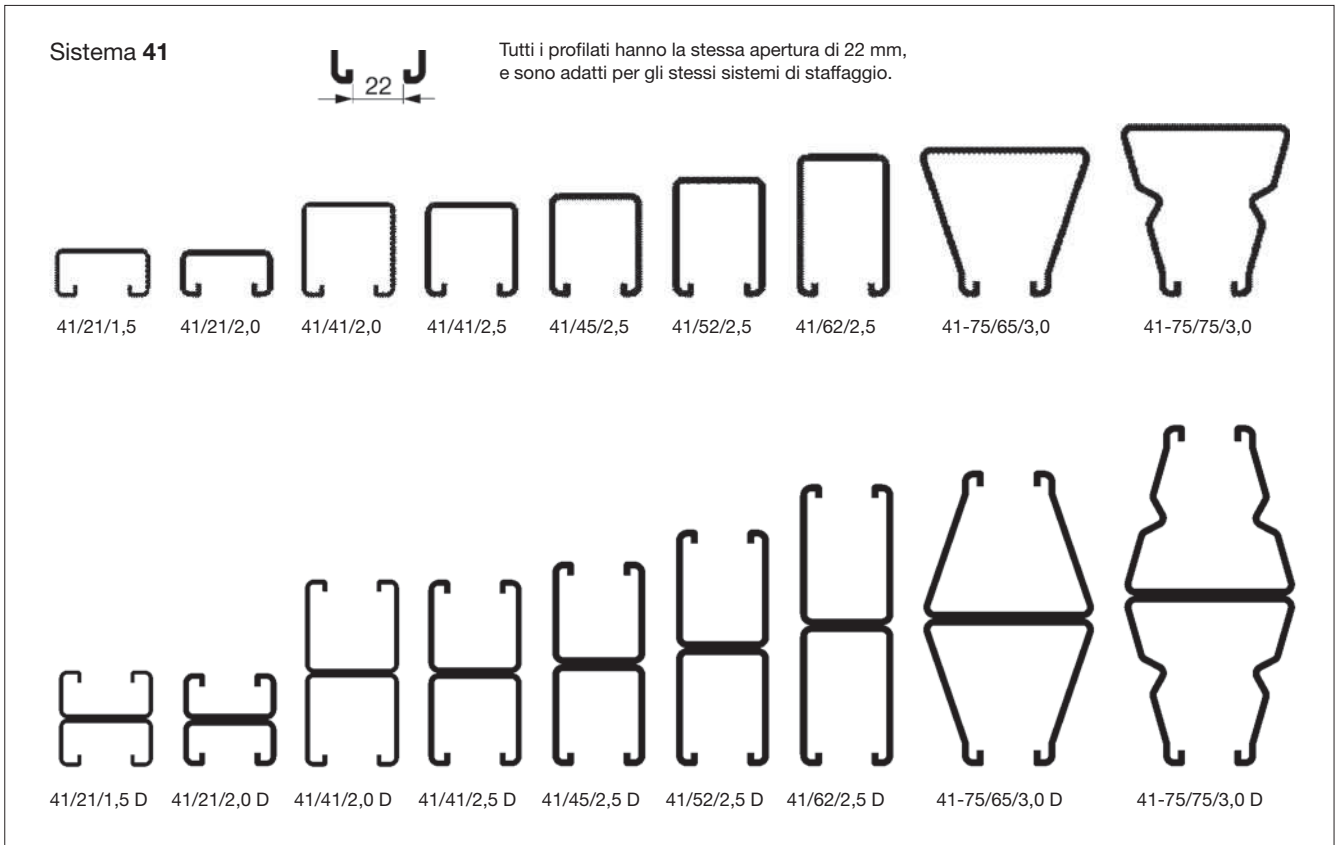
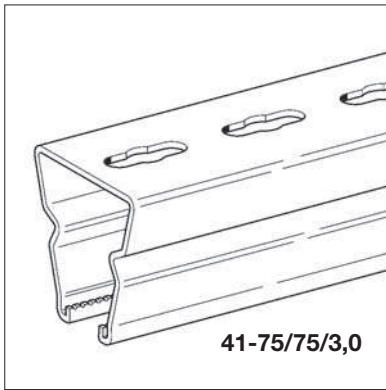
Tutti i profilati con base **41** sono dentellati nella parte interna e sono collegabili sistematicamente con i prodotti della nostra gamma:

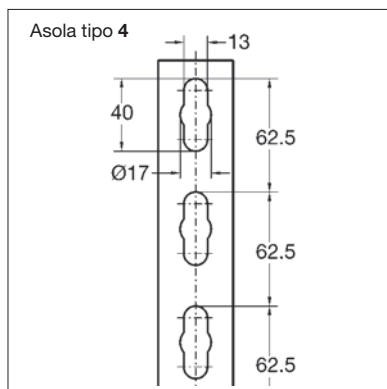
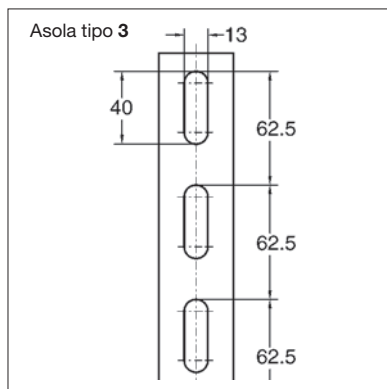
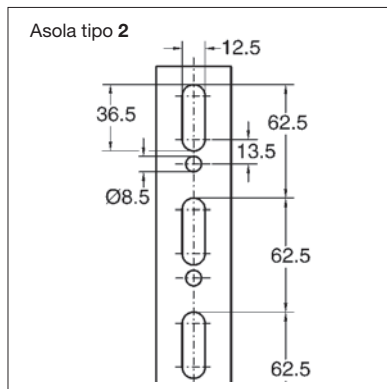
Dadi a martello HZ, Piastre di sostegno WBD, morsetti TCS 1, Pressix 41 etc.

Dati tecnici:

Materiale: Versione standard 1.0350, zincatura a caldo sendzimir secondo la normativa DIN EN 10142 oppure la versione zincata a caldo a bagno 1.0038 secondo la normativa ISO 1461

Per ulteriori dati tecnici vedere le pagine seguenti.





Profilati

Gruppo 1111



Tipo [B/H/s]	Lunghezza profilo [mt]	Tipo Asola	peso [kg/mt]	Confezione* [mt]	Articolo Nr.	Euro/pezzo
41/21/1,5	3	2	1,13	384	178202	
41/21/1,5	6	2	1,13	768	173846	
41/21/2,0	3	3	1,32	288	193693	
41/21/2,0	6	3	1,32	576	193709	
41/41/2,0	3	3	1,97	288	193730	
41/41/2,0	6	3	1,97	576	193747	
41/41/2,5	3	3	2,30	192	173432	
41/41/2,5	6	3	2,30	384	166720	
41/41/2,5	3	senza asole	2,60	192	179444	
41/41/2,5	6	senza asole	2,60	384	166696	
41/45/2,5	3	3	2,47	192	193759	
41/45/2,5	6	3	2,47	384	193761	
41/52/2,5	3	3	2,82	144	193781	
41/52/2,5	6	3	2,82	288	193785	
41/62/2,5	3	3	3,13	144	193789	
41/62/2,5	6	3	3,13	288	193792	
41-75/65/3,0	3	4	4,70	96	179462	
41-75/65/3,0	6	4	4,70	192	173990	
41-75/75/3,0	3	4	5,40	72	179471	
41-75/75/3,0	6	4	5,40	144	173999	
Profilati doppi						
41/21/2,0 D	3	3	2,64	96	193811	
41/21/2,0 D	6	3	2,64	192	193815	
41/41/2,0 D	6	3	3,94	120	193882	
41/41/2,5 D	3	3	4,70	60	173441	
41/41/2,5 D	6	3	4,70	120	166757	
41/45/2,5 D	6	3	4,93	120	193839	
41/52/2,5 D	6	3	5,63	120	193846	
41/62/2,5 D	6	3	6,27	72	193853	
41-75/65/3,0 D	6	4	9,40	72	174152	
41-75/75/3,0 D	6	4	10,80	72	174161	

Dati tecnici a pag. 90.

* La vendita viene fatta anche per singolo profilo.

Profili in lunghezza di 2m a richiesta.

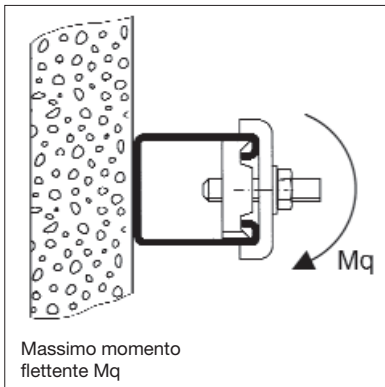
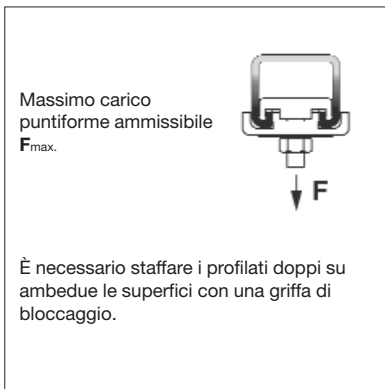
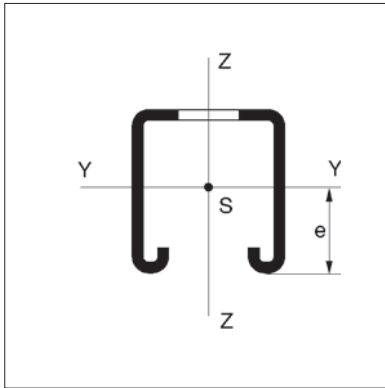
Profili tagliati a misura a richiesta.

Profilati

Gruppo 1111

Dati tecnici:

Profilati Tipo B/H/s [mm]	Modulo di resistenza [cm ³]		Momento d'inerzia [cm ⁴]		Raggio d'inerzia [cm]	
	W _y	W _z	I _y	I _z	i _y	i _z
41/21/1,5	0,72	1,71	0,79	3,52	0,79	1,66
41/21/2,0	0,82	2,12	0,92	4,35	0,76	1,65
41/41/2,0	2,43	3,65	5,16	7,48	1,46	1,75
41/41/2,5	2,96	4,41	6,19	9,05	1,43	1,72
41/45/2,5	3,29	4,73	7,70	9,70	1,56	1,75
41/52/2,5	4,16	5,37	11,20	11,00	1,79	1,77
41/62/2,5	5,54	6,27	17,70	12,86	2,10	1,79
41-75/65/3,0	8,46	10,39	31,60	39,23	2,27	2,53
41-75/75/3,0	10,31	11,59	44,41	43,48	2,53	2,50
41/21/1,5 D	1,96	3,44	4,12	7,05	1,27	1,66
41/21/2,0 D	2,35	4,24	4,93	8,70	1,24	1,65
41/41/2,0 D	7,16	7,30	29,34	14,96	2,45	1,75
41/41/2,5 D	9,02	8,83	36,99	18,10	2,46	1,72
41/45/2,5 D	9,97	9,47	44,87	19,41	2,66	1,75
41/52/2,5 D	12,79	10,73	66,50	22,00	3,08	1,77
41/62/2,5 D	17,38	12,54	107,75	25,71	3,66	1,79
41-75/65/3,0 D	24,18	20,77	157,15	78,45	3,58	2,53
41-75/75/3,0 D	30,72	23,07	230,40	86,96	4,07	2,50



Profilati Tipo	Sezione A	Centro di gravità e	Carico max. ammissibile per punto F_{max} [kN]	Massimo momento flettente M_q [Nm]
B/H/s [mm]	[cm ²]	[cm]		
41/21/1,5	1,28	1,11	2,0	44,5
41/21/2,0	1,61	1,12	4,0	44,5
41/41/2,0	2,43	2,12	4,0	44,5
41/41/2,5	3,05	2,09	6,0	44,5
41/45/2,5	3,16	2,34	6,0	44,5
41/52/2,5	3,51	2,70	6,0	44,5
41/62/2,5	4,01	3,20	6,0	44,5
41-75/65/3,0	6,15	3,74	10,0	44,5
41-75/75/3,0	6,95	4,31	10,0	44,5
41/21/1,5 D	2,56	2,10	2,0*	44,5
41/21/2,0 D	3,21	2,10	4,0*	44,5
41/41/2,0 D	4,87	4,10	4,0*	44,5
41/41/2,5 D	6,09	4,10	6,0*	44,5
41/45/2,5 D	6,33	4,50	6,0*	44,5
41/52/2,5 D	7,03	5,20	6,0*	44,5
41/62/2,5 D	8,03	6,20	6,0*	44,5
41-75/65/3,0 D	12,29	6,50	10,0*	44,5
41-75/75/3,0 D	13,90	7,50	10,0*	44,5

D = Profilati doppi

* Con i profilati doppi di lunghezza fino a 0,5 metri è necessario unire i due profili nella parte terminale nel caso la ribattitura non cada alle estremità :

- con le asole tipo **2**: utilizzare bulloni M8 x 16
- con le asole tipo **3** e **4**: utilizzare il morsetto di accoppiamento KL 1

Attenzione: tutti i valori tengono in considerazione le asole.


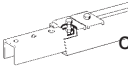




Profilati ed accessori


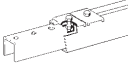



Accessori

Sistema 41

Scelta rapida degli accessori maggiormente utilizzati in combinazione con i profili di riferimento.

Standard

▼ Accessori	41/21	41/41	41/45	41/52	41/62	41-75/65	41-75/75
 Tappi terminali (HD-PE)	101037	177689	108812	177698	153201	177707	177716
 Giunto di collegamento SK	177599	155115		177608	155124	177617	177626
 Sostegno per profilati SH	177338	177365	126791	177347	177356	A) 177635 B) 177644	A) 177653 B) 177662
 Piastra di base WBD	177725	155054		177734	155063	177743	177752
 Sostegni per profilati	MH 41) 191756 MV 41) 191765				I sostegni MH non sono adatti per questo tipo di profilati si consiglia di utilizzare la piastra WBD		
 Griffa di bloccaggio	B 41/10) 178247 B 41/12) 178256 B 41/16) 178265						

▼ Accessori	41/21 D	41/41 D	41/45 D	41/52 D	41/62 D	41-75/65 D	41-75/75 D
 Tappo terminale	2 x 101037	2 x 177689	2 x 108812	2 x 177698	2 x 153201	2 x 177707	2 x 177716
 Giunto di collegamento SK	2 x 177599	2 x 155115		2 x 177608	2 x 155124	2 x 177617	2 x 177626
 Sostegno per profilati SH	177365	177374	125532	177383	163000	177671	177680
 Piastra di base WBD	146469	106768		177761	155090	177770	177779
 Griffa di bloccaggio	B 41/10) 178247 B 41/12) 178256 B 41/16) 178265						

Profilati ed accessori

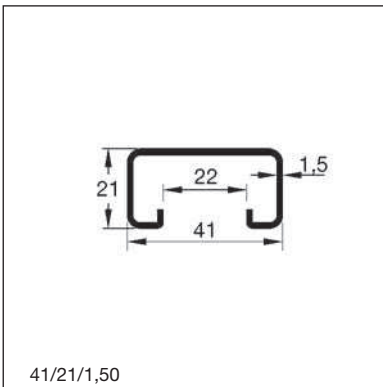
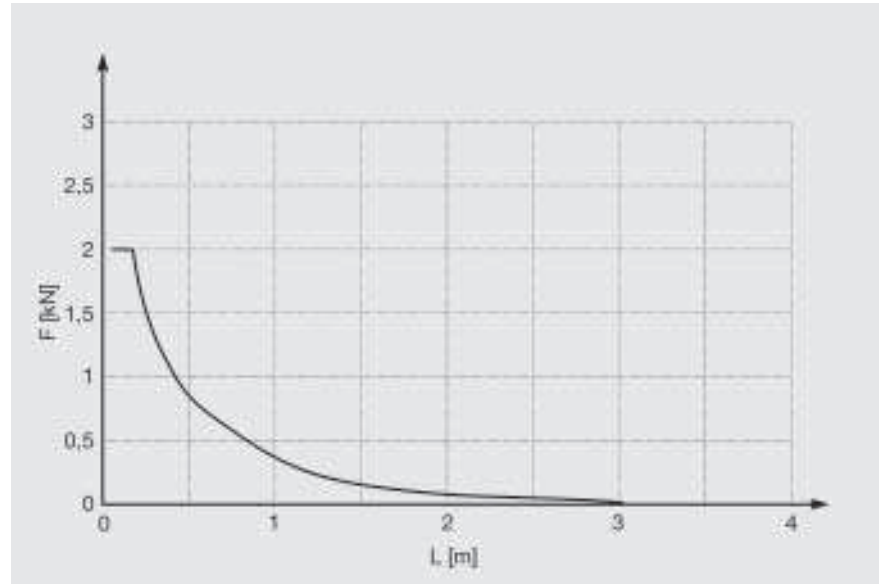
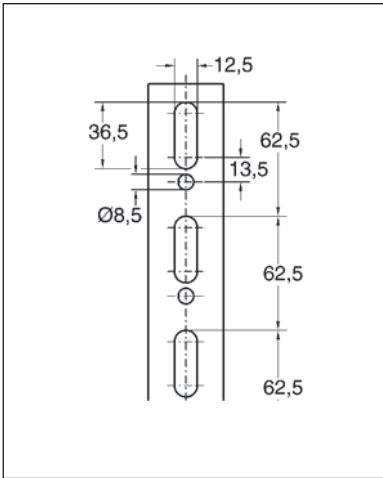
Tipo profilati	41/21	41/21	41/41	41/41	41/45	41/52	41/62	41-75/65	41-75/75										
Spessore parete in mm	1,50	2,00	2,00	2,50	2,50	2,50	2,50	3,00	3,00										
Dimensione asole	12,5x36,5	13x40	13x40	13x40	13x40	13x40	13x40	13-17x40	13-17x40										
Massimo carico di sicurezza concentrato in mezzeria	L f		L f		L f		L f		L f		L f		L f		L f		L f		
	F (Kg)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)
<p>f = freccia f ≤ L/200 σ_{max} = 160 N/mm²</p>	25	126	6,2	136	6,7	322	16	354	17	394	19	475	23	597	29				
	50	89	4,4	96	4,4	228	11	250	12	278	13	336	16	422	21	564	28		
	75	61	2,1	70	2,1	186	9,2	204	10	227	11	274	13	345	17	461	23	549	27
	100	46	1,2	52	1,5	156	7,2	176	8,7	197	9,8	237	11	298	14	399	19	476	24
	125	37	<1	42	1,0	124	4,6	152	6,9	168	7,7	212	10	267	13	357	17	425	21
	150	31	<1	35	<1	108	3,2	126	4,8	140	5,3	177	7,4	236	11	326	16	388	19
	175			30	<1	89	2,3	108	3,5	120	3,9	152	5,4	203	8,1	301	14	359	18
	200			26	<1	78	1,8	95	2,7	105	3,0	133	4,1	177	6,2	271	12	336	17
	225					69	1,4	84	2,1	94	2,3	118	3,3	158	4,9	241	9,8	299	13
	250					62	1,1	76	1,7	84	1,9	106	2,6	142	4,0	217	7,9	269	10
Per la determinazione dei massimi carichi di sicurezza distribuiti Fe utilizzare un fattore di equivalenza 2: Fe = 2 x F	300				52	<1	63	1,2	70	1,3	89	1,8	118	2,7	180	5,5	224	7,4	
	350				44	<1	54	<1	60	<1	76	1,3	101	2,0	155	4,0	192	5,4	
	400				39	<1	47	<1	53	<1	67	1,0	89	1,5	135	3,1	168	4,2	
	450				35	<1	42	<1	47	<1	59	<1	79	1,2	120	2,4	149	3,3	
	500				31	<1	38	<1	42	<1	53	<1	71	1,0	108	1,9	134	2,7	
	600						32	<1	35	<1	44	<1	59	<1	90	1,3	112	1,8	

Tipo profilati	D41/21 D	D41/21 D	D41/41 D	D41/41 D	D41/45 D	D41/52 D	D41/62 D	D41-75/65 D	D41-75/75 D										
Spessore parete in mm	1,50	2,00	2,00	2,50	2,50	2,50	2,50	3,00	3,00										
Dimensione asole	12,5x36,5	13x40	13x40	13x40	13x40	13x40	13x40	13-17x40	13-17x40										
Massimo carico di sicurezza concentrato in mezzeria	L f		L f		L f		L f		L f		L f		L f		L f		L f		
	F (Kg)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)	(cm)	(mm)
<p>f = freccia f ≤ L/200 σ_{max} = 160 N/mm²</p>	25	288	14	315	17														
	50	203	10	222	12	544	27												
	75	166	8,2	182	9,1	444	22	499	25	549	27								
	100	125	4,7	150	8,4	384	19	432	21	476	23	579	28						
	125	100	3,0	120	6,5	344	17	386	19	426	21	518	26						
	150	84	2,1	100	4,5	305	14	352	17	388	19	473	23						
	175	72	1,5	86	3,3	262	10	326	16	359	18	438	22	557	27				
	200	63	1,1	75	2,5	229	8,1	289	12	319	14	409	20	521	26				
	225	56	<1	67	2,0	204	6,4	257	10	284	11	364	16	491	24	593	29		
	250	50	<1	60	1,6	183	5,2	231	8,2	255	9,2	327	13	445	20	563	28		
Per la determinazione dei massimi carichi di sicurezza distribuiti Fe utilizzare un fattore di equivalenza 2: Fe = 2 x F	300	42	<1	50	1,1	153	3,6	192	5,7	213	6,3	273	9,1	371	14	514	25		
	350	36	<1	43	<1	131	2,6	165	4,2	182	4,7	234	6,6	318	10	442	19	576	28
	400	31	<1	38	<1	115	2,0	144	3,2	160	3,6	205	5,1	278	7,9	387	14	492	20
	450			33	<1	102	1,6	128	2,5	142	2,8	182	4,0	247	6,2	344	11	437	16
	500			30	<1	92	1,3	115	2,0	128	2,3	164	3,2	222	5,0	310	9,3	393	13
	600					76	<1	96	1,4	106	1,6	136	2,2	185	3,5	281	6,5	328	9,0

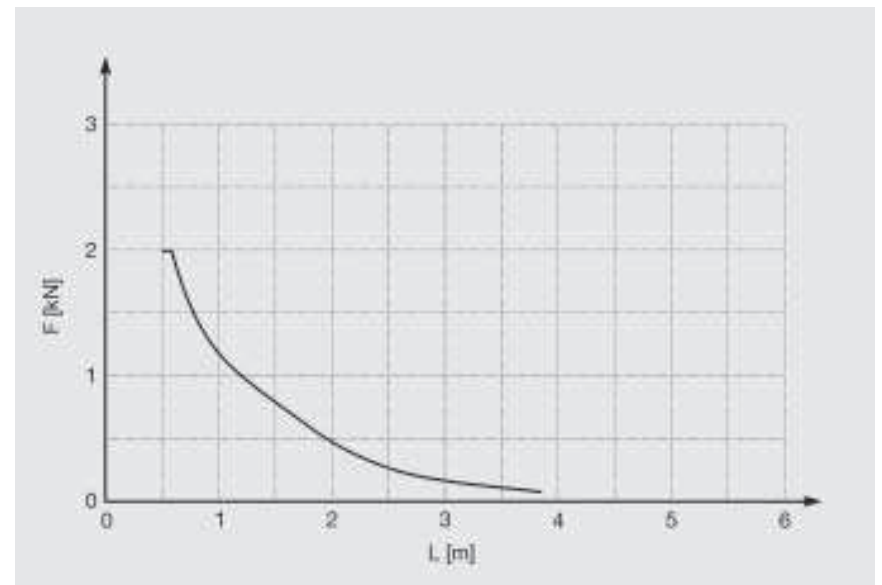
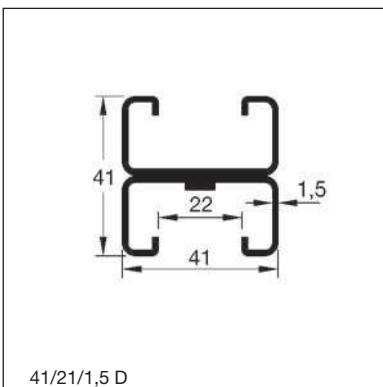
Profilati

Gruppo 1111

41/21/1,5



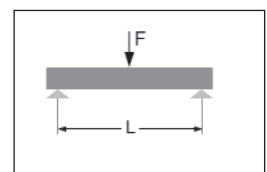
41/21/1,5 D



E' stato considerato il peso proprio del profilato e delle asole.

$\sigma_{max} = 160 \text{ N/mm}^2$

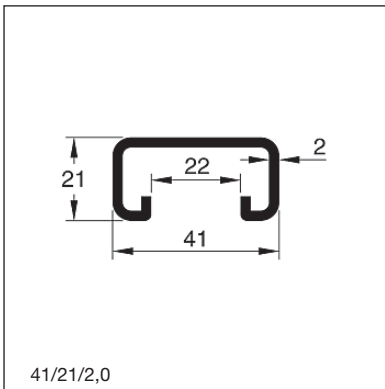
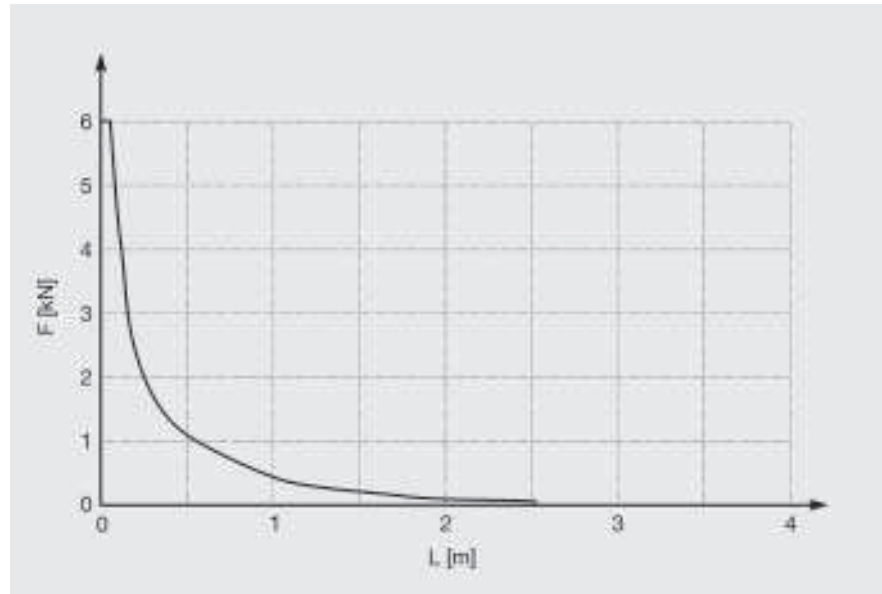
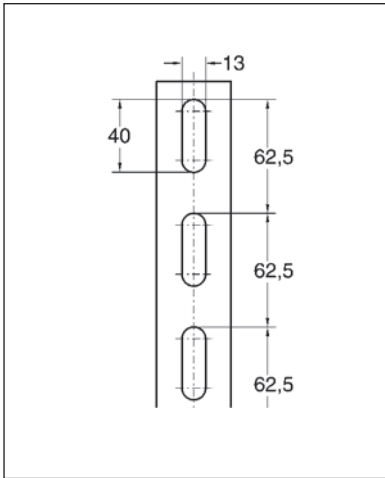
$f \leq L/200$



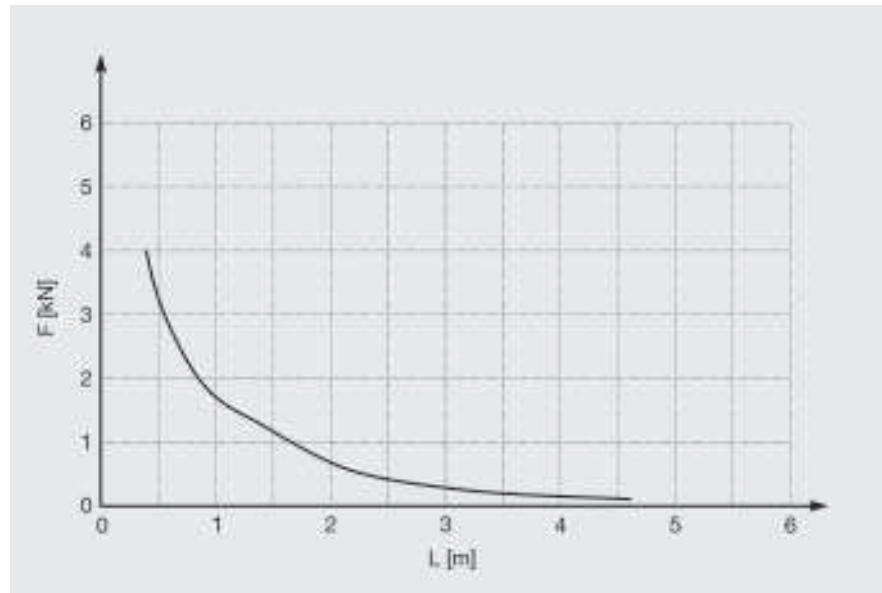
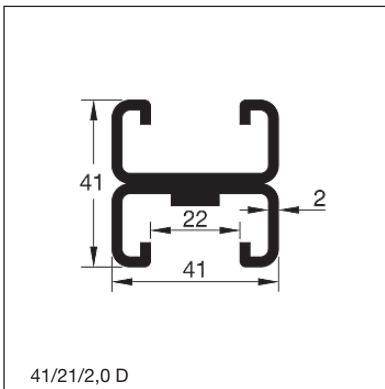
Profilati

Gruppo 1111

41/21/2,0



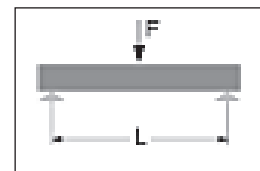
41/21/2,0 D



E' stato considerato il peso proprio del profilato e delle asole.

$$\sigma_{\max} = 160 \text{ N/mm}^2$$

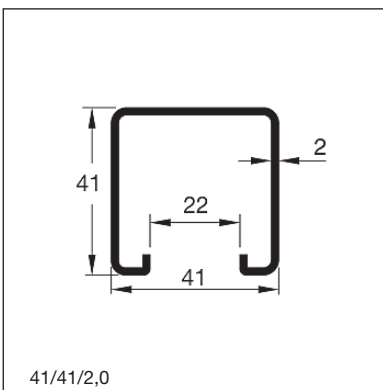
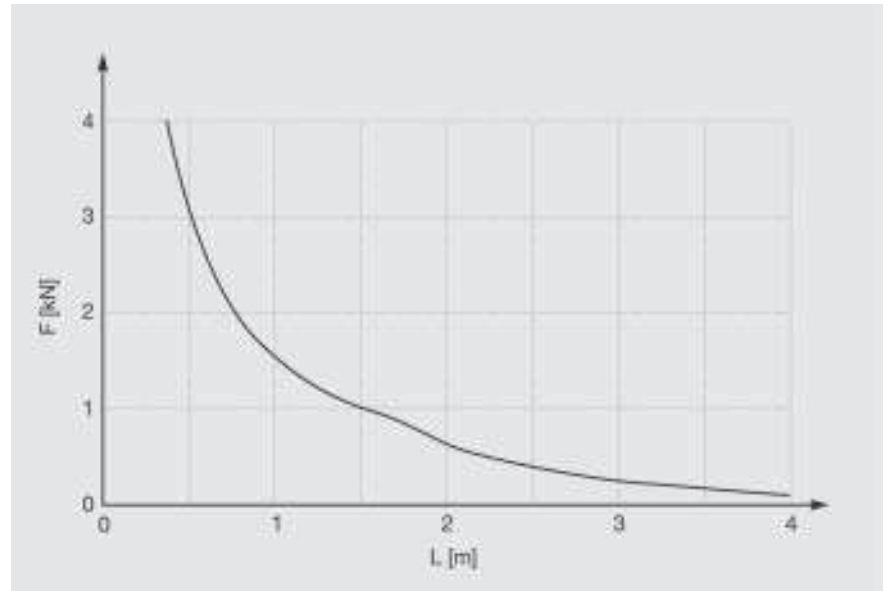
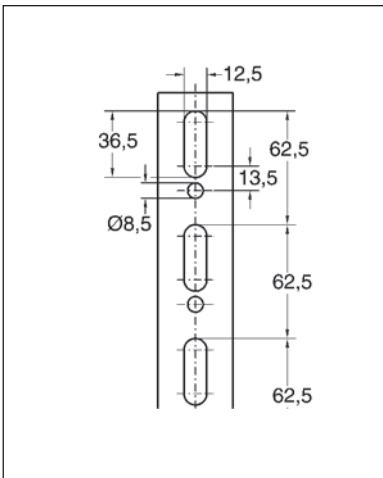
$$f \leq L/200$$



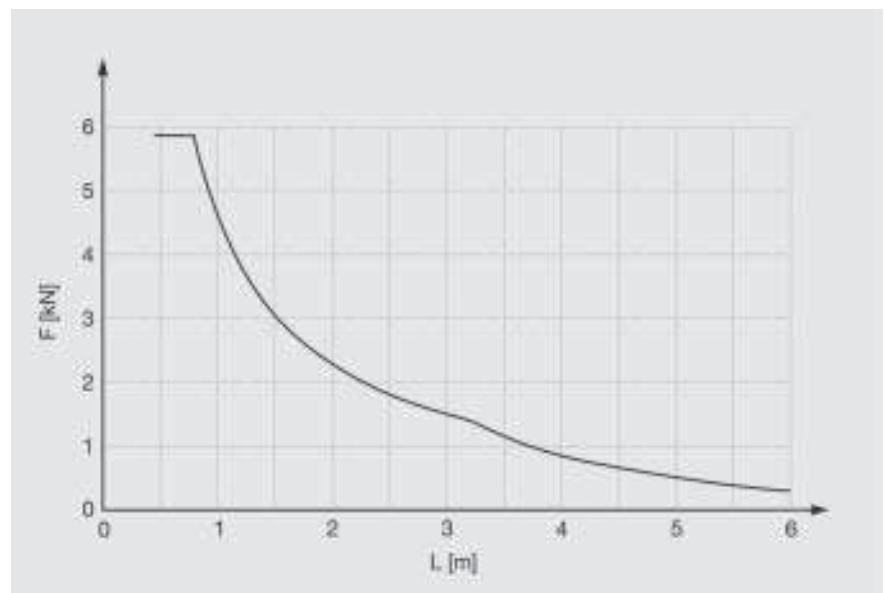
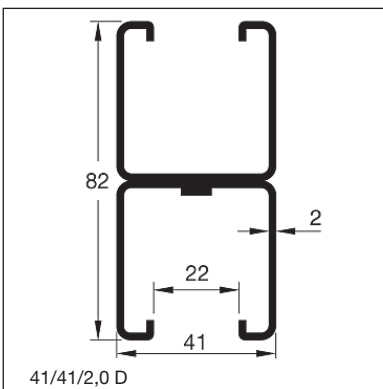
Profilati

Gruppo 1111

41/41/2,0



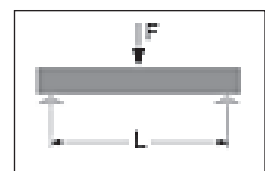
41/41/2,0 D



E' stato considerato il peso proprio del profilato e delle asole.

$$\sigma_{\max} = 160 \text{ N/mm}^2$$

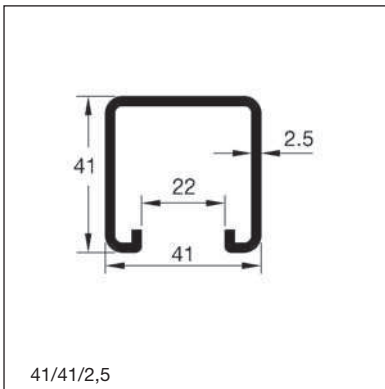
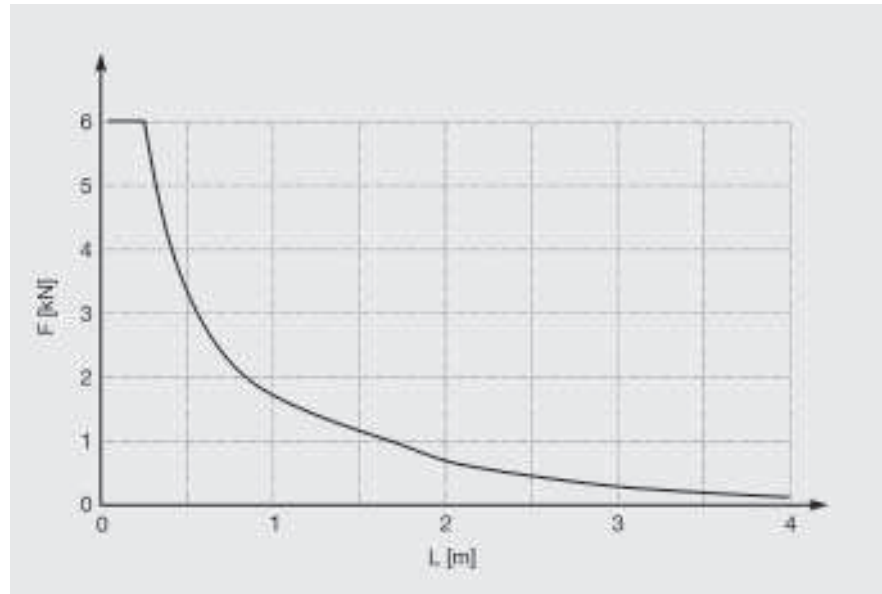
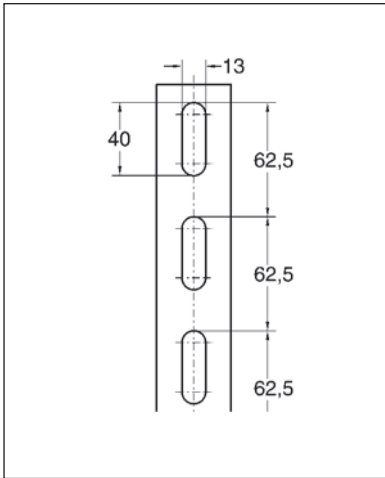
$$f \leq L/200$$



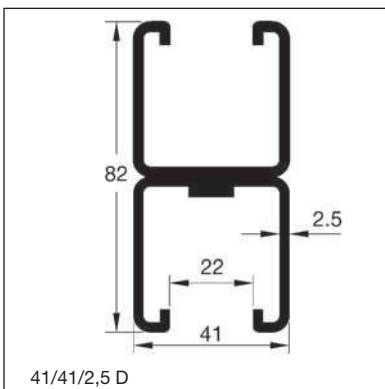
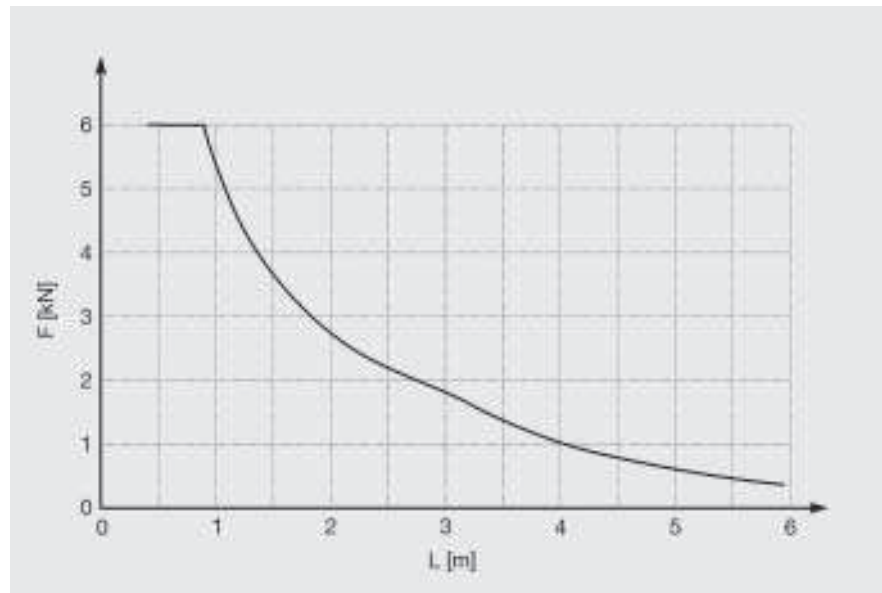
Profilati

Gruppo 1111

41/41/2,5



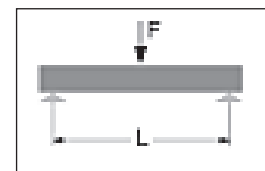
41/41/2,5 D

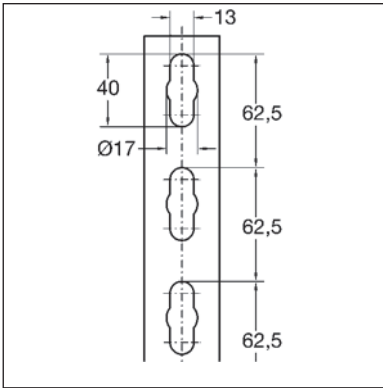


È stato considerato il peso proprio del profilato e delle asole.

$$\sigma_{\max} = 160 \text{ N/mm}^2$$

$$f \leq L/200$$

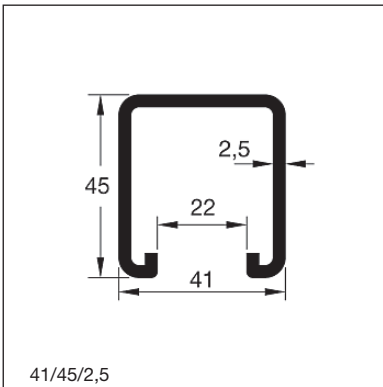
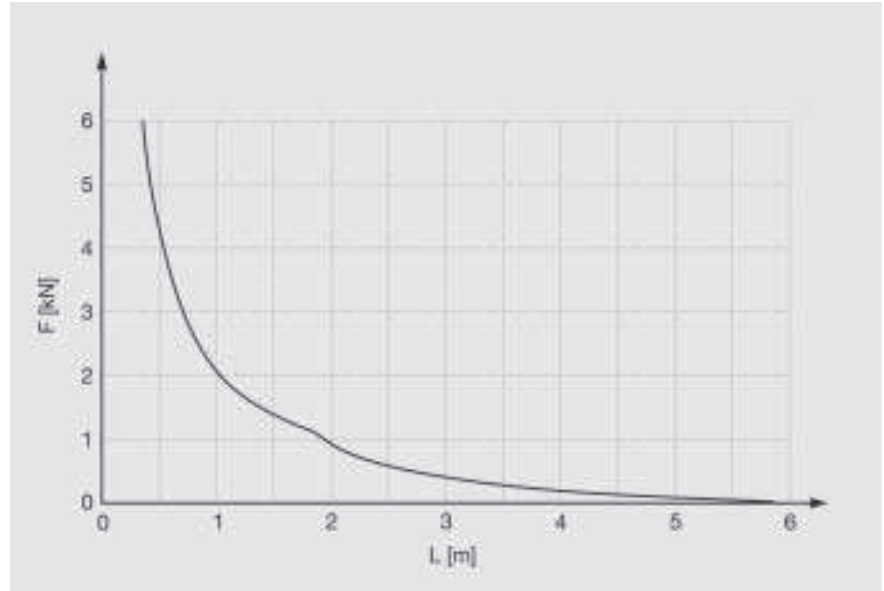




Profilati

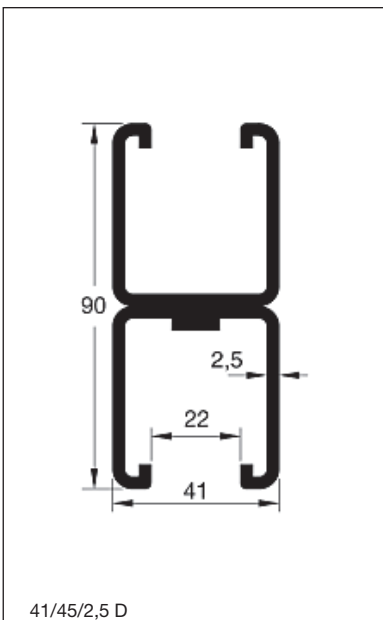
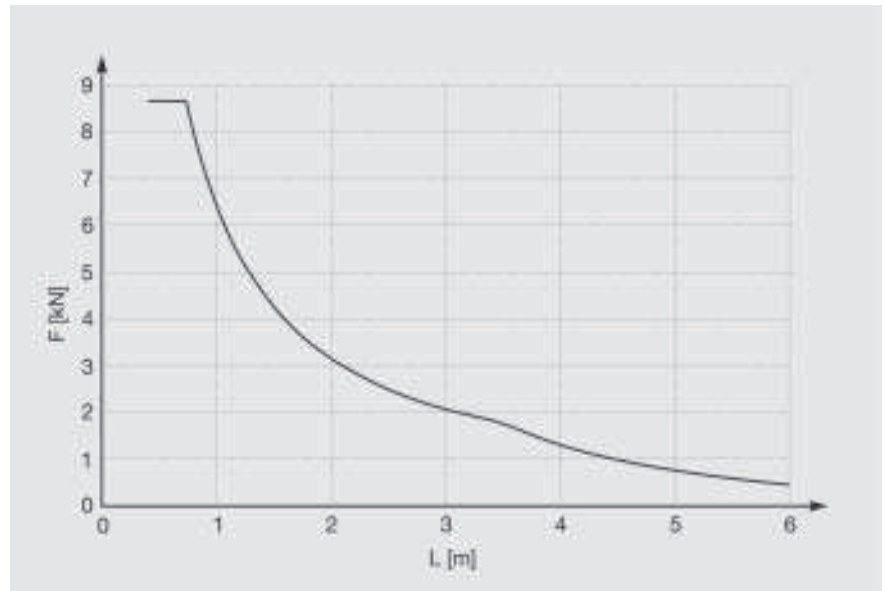
Gruppo 1111

41/45/2,5



41/45/2,5

41/45/2,5 D

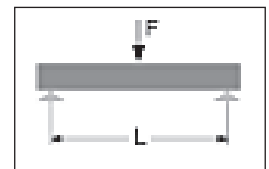


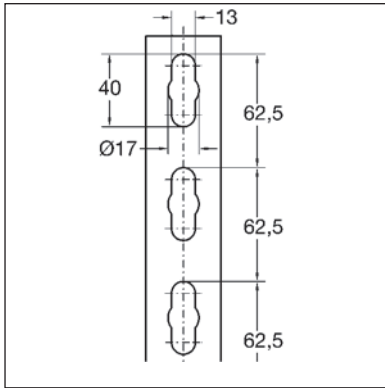
41/45/2,5 D

È stato considerato il peso proprio del profilato e delle asole.

$$\sigma_{\max} = 160 \text{ N/mm}^2$$

$$f \leq L/200$$

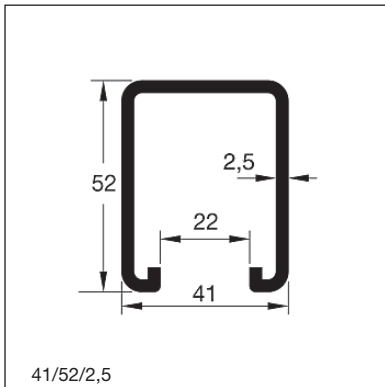
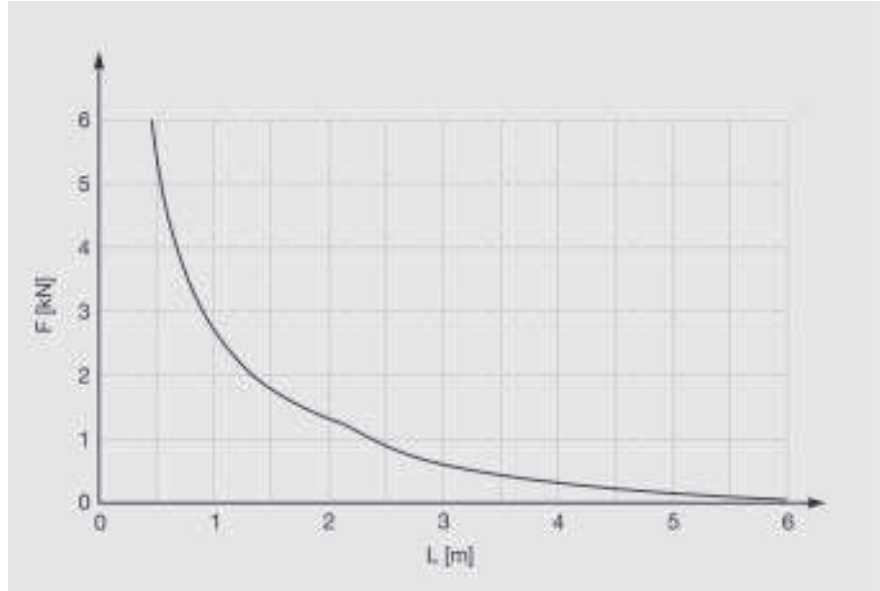




Profilati

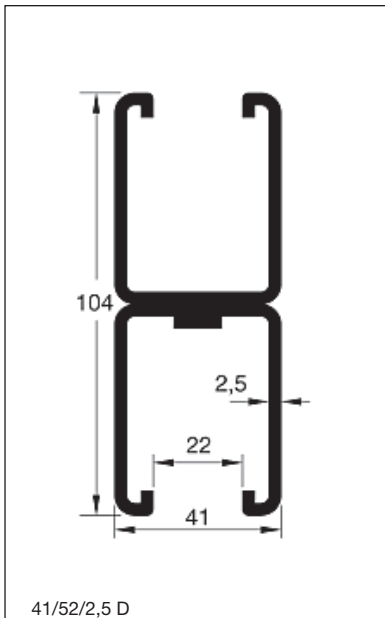
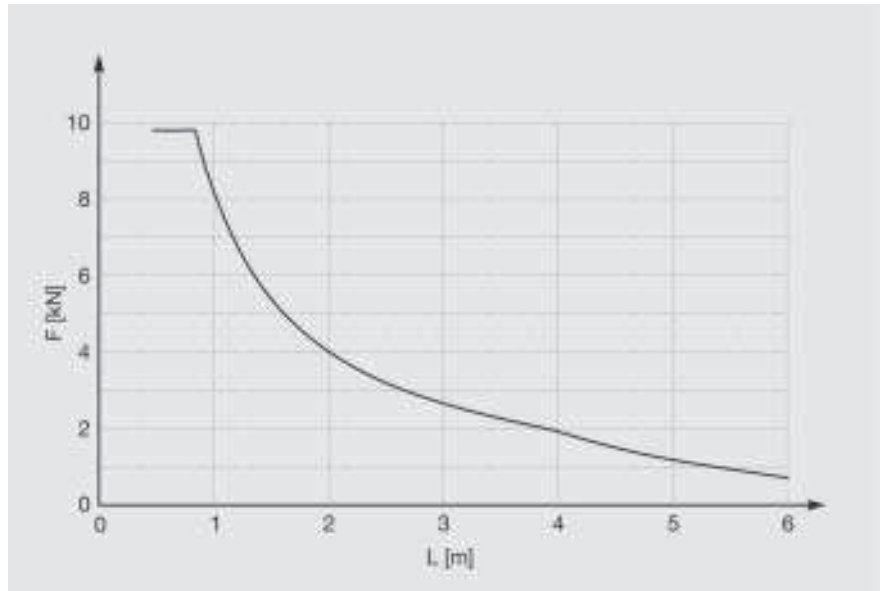
Gruppo 1111

41/52/2,5



41/52/2,5

41/52/2,5 D

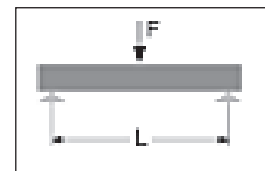


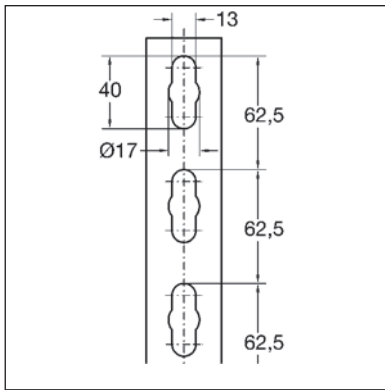
41/52/2,5 D

È stato considerato il peso proprio del profilato e delle asole.

$\sigma_{max} = 160 \text{ N/mm}^2$

$f \leq L/200$

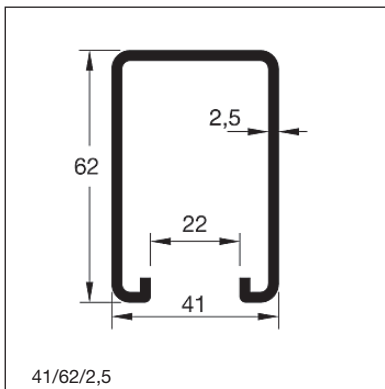
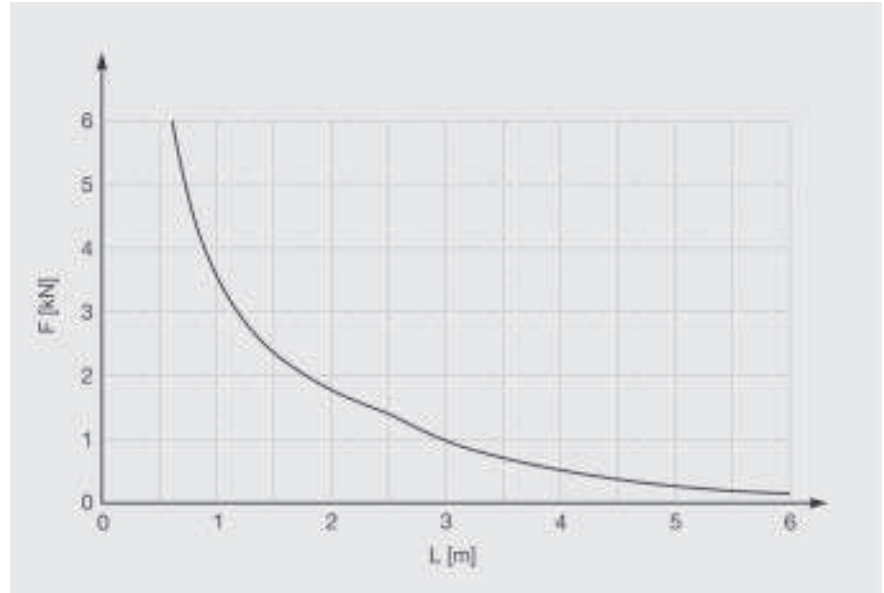




Profilati

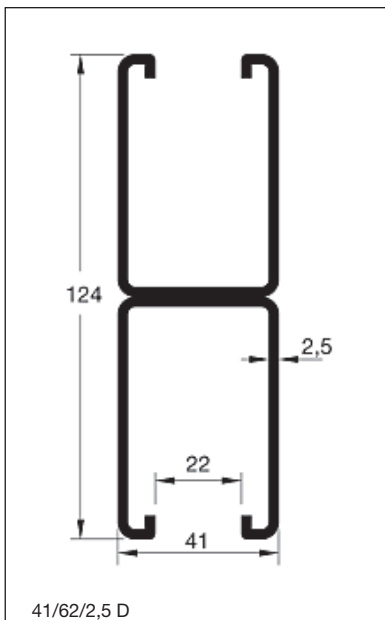
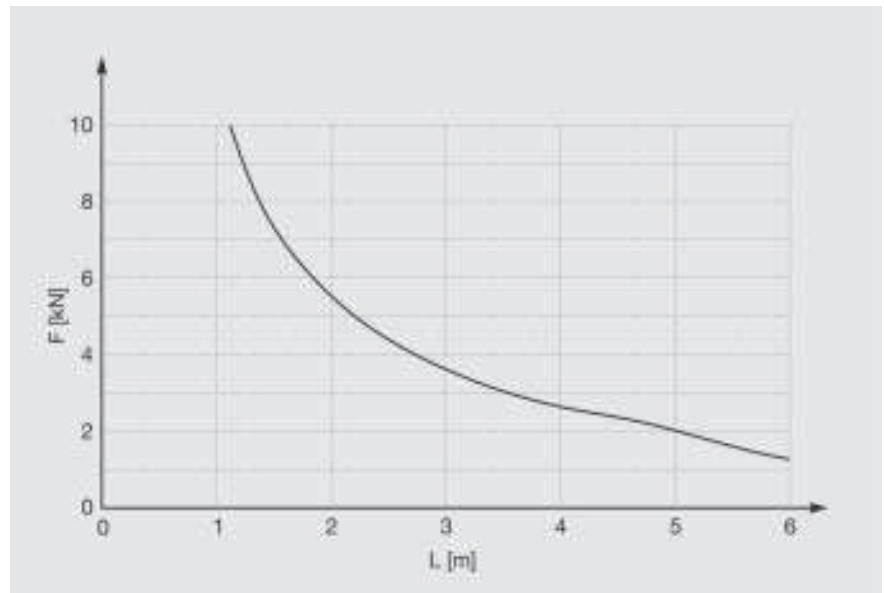
Gruppo 1111

41/62/2,5



41/62/2,5

41/62/2,5 D

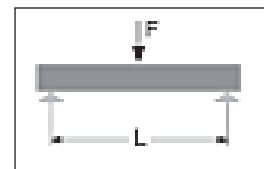


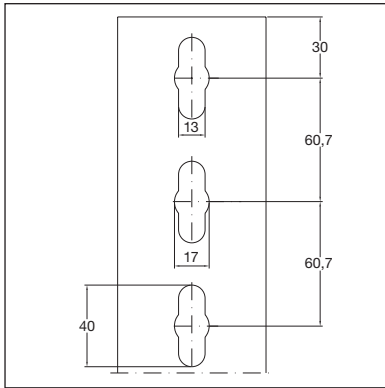
41/62/2,5 D

È stato considerato il peso proprio del profilato e delle asole.

$$\sigma_{\max} = 160 \text{ N/mm}^2$$

$$f \leq L/200$$

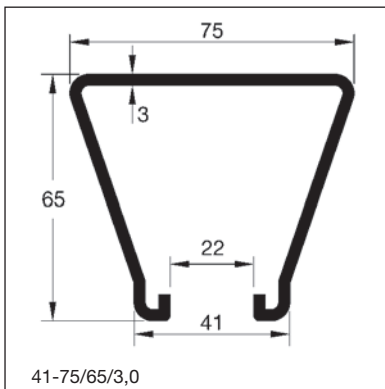
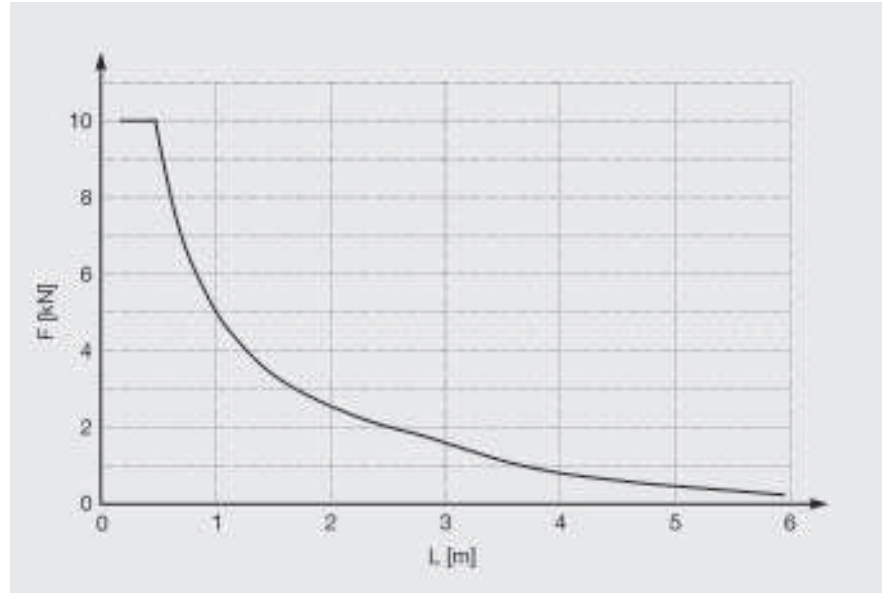




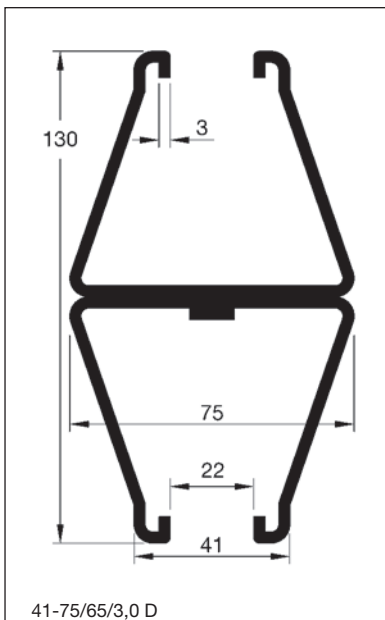
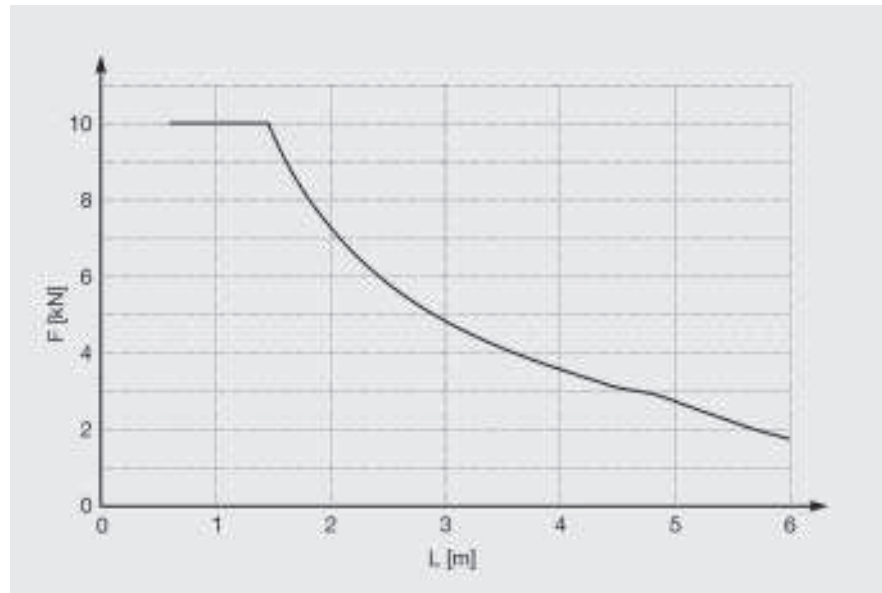
Profilati

Gruppo 1111

41-75/65/3,0



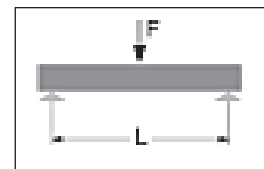
41-75/65/3,0 D

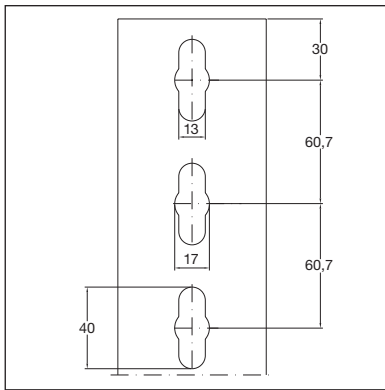


È stato considerato il peso proprio del profilato e delle asole.

$$\sigma_{\max} = 160 \text{ N/mm}^2$$

$$f \leq L/200$$

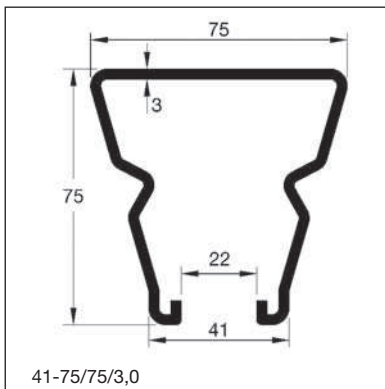
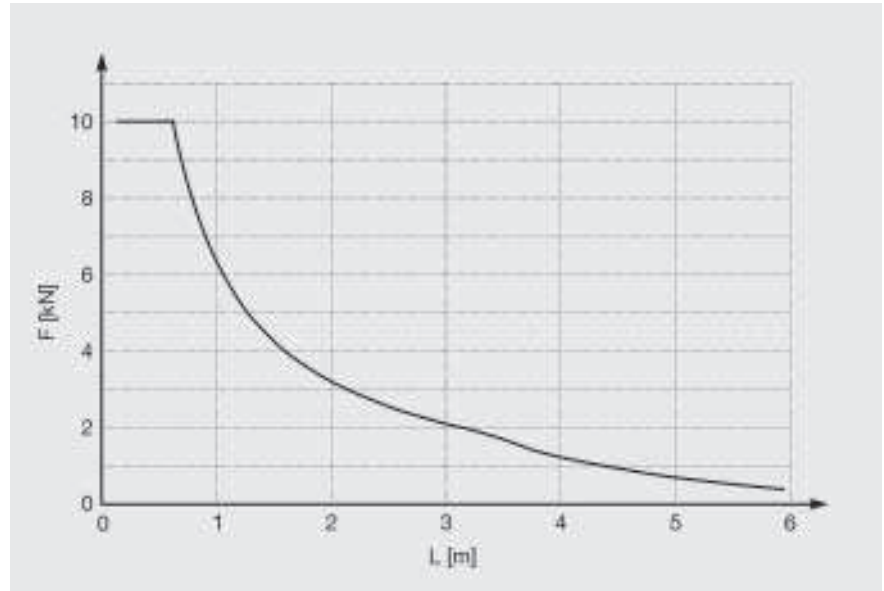




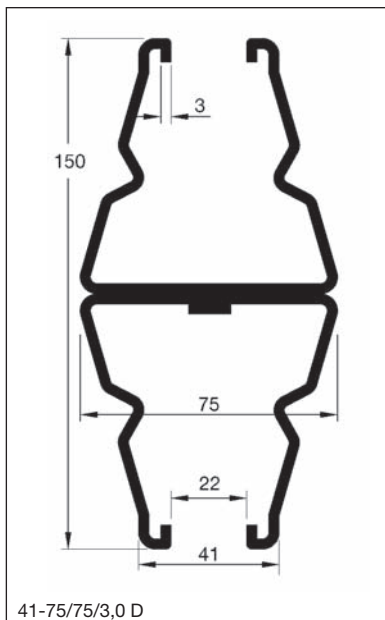
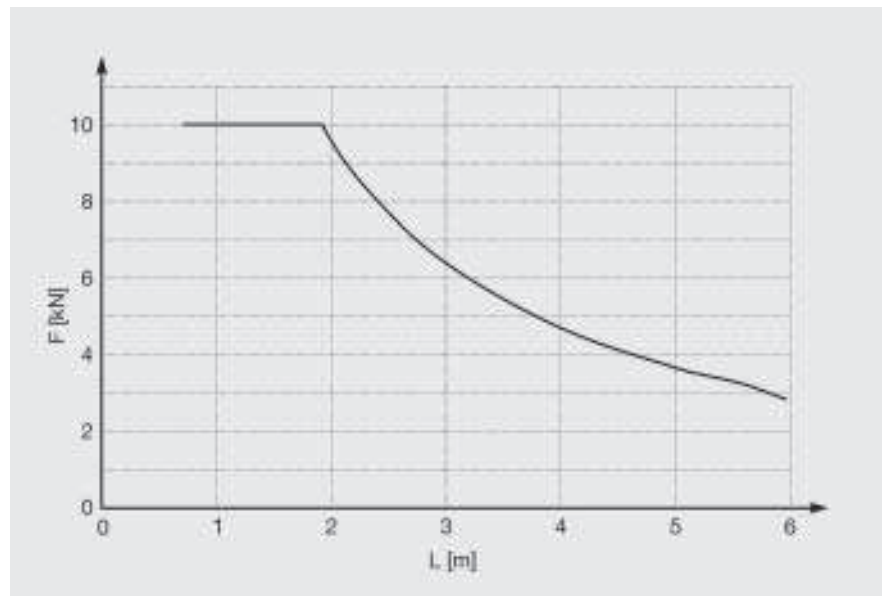
Profilati

Gruppo 1111

41-75/75/3,0



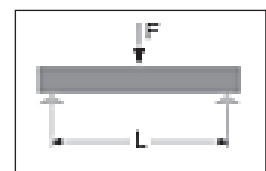
41-75/75/3,0 D

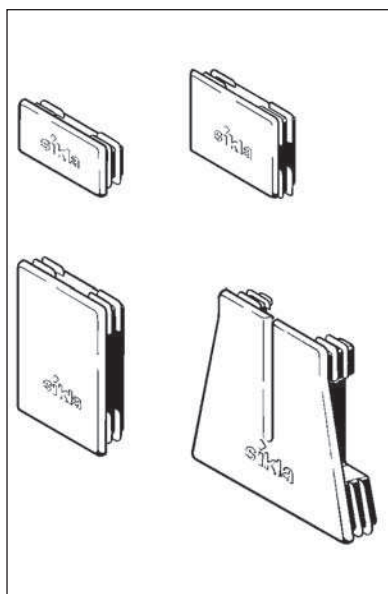


È stato considerato il peso proprio del profilato e delle asole.

$\sigma_{max} = 160 \text{ N/mm}^2$

$f \leq L/200$





Tappi terminali 41

Gruppo 1304

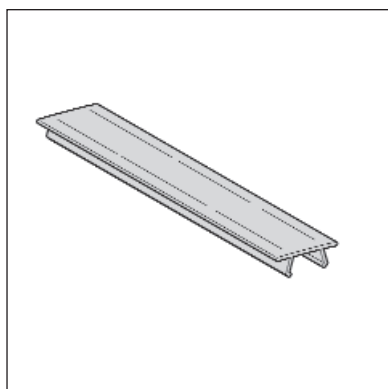
Impiego:

Servono per chiudere le estremità dei profilati.

Caratteristiche costruttive:

Materiale HD-PE, colore giallo

Tipo:	per profilati	peso [kg]	Confezione [pezzi]	Articolo Nr.	Euro/ Pezzo
41/21	41/21/1,50 e 41/21/2,00	0,01	100	101037	0,22
41/41	41/41/2,00 e 41/41/2,50	0,01	100	177689	0,34
41/45	41/45/2,50	0,01	100	108812	0,42
41/52	41/52/2,50	0,01	50	177698	0,43
41/62	41/62/2,50	0,01	50	153201	0,45
75/65	41-75/65/3,00	0,01	50	177707	1,04
75/75	41-75/75/3,00	0,02	50	177716	1,09



Guaina di copertura 41

Gruppo 1304

Impiego:

Guaina in materiali plastici per la copertura dei profilati 41 mm. Evita che si possa depositare della sporcizia all'interno dei profilati.

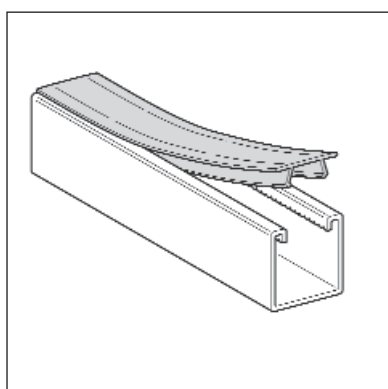
Montaggio:

Con una leggera pressione si incastra nel profilo.

Caratteristiche costruttive:

Materiale
Temperatura

HD-PE, colore giallo
da - 20°C a + 80°C



Tipo	peso [kg/mt]	Confezione [mt]	Articolo Nr.	Euro/ Pezzo
Guaina di copertura 41	0,10	2	180623	