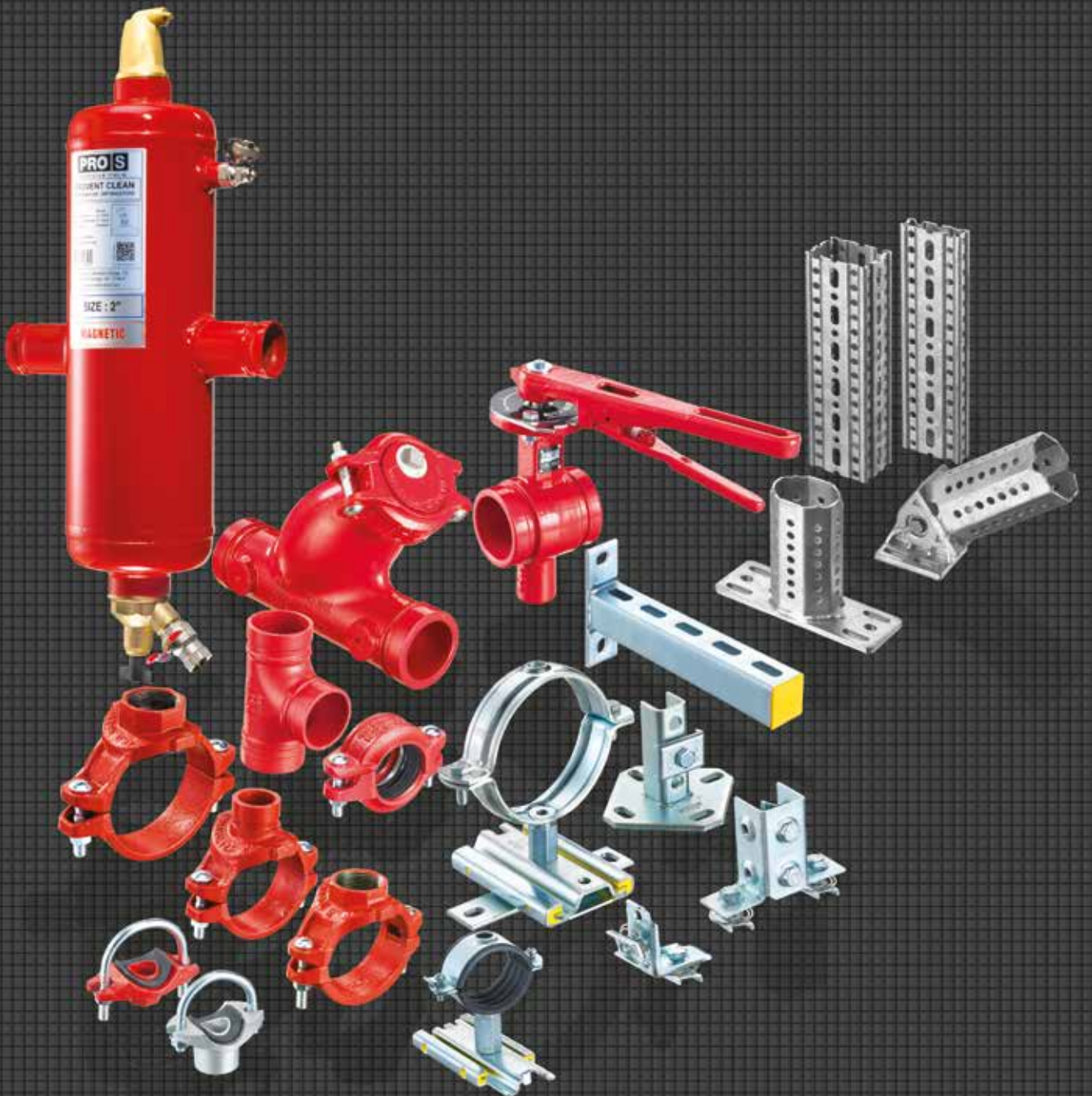


# CATALOGO 2026



# Prosystem Italia, il partner ideale per l'impiantistica.

Qualità, continua innovazione, alta competenza tecnica. Questi i principali punti di forza di Prosystem Italia, una realtà imprenditoriale solida e dinamica che si distingue grazie all'eccellenza di prodotti e servizi.

Prosystem Italia offre soluzioni innovative e di grande affidabilità nel settore delle tecnologie per l'impiantistica civile ed industriale, con performance qualitative di altissimo livello.

## Assistenza tecnica

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L'assistenza tecnica è uno dei nostri punti forti: mettiamo la nostra competenza e i nostri tecnici a disposizione del cliente, che può così trovare sempre la soluzione più adatta alle proprie esigenze. I nostri tecnici sono disponibili a sopralluoghi in cantiere, per affiancare l'installatore sia prima che dopo la vendita.

## Progettazione antisismica

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Assistenza per il dimensionamento dello staffaggio antisismico e problematiche di varia natura. L'ufficio tecnico è in grado di produrre analisi strutturali, disegni in CAD e relazioni di calcolo; per accompagnare la fornitura con dettagli tecnici necessari sia allo studio di progettazione che all'installatore.

## Acquista online, ricevi in cantiere

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Il nuovo sito web ha un nuovo design responsivo per una comoda fruizione multiplatforma, nuove funzionalità e una nuova organizzazione dei contenuti. Nell'area download sono sempre disponibili inoltre gli specifici certificati dei prodotti, manuali tecnici, cataloghi, file CAD & BIM.

## Staffaggio



Con i nostri prodotti, semplifichiamo il vostro lavoro e vi facciamo risparmiare nella costruzione degli impianti elettrici, idraulici e antincendio. Per ogni impianto troviamo la soluzione idonea.

## siFramo



Con il sistema siFramo si possono realizzare strutture di supporto (primarie o secondarie) per tubazioni, cavi elettrici, macchine o installazioni industriali di qualsiasi genere. Certificati CE in accordo a EN 1090.

## siMetrix



siMetrix è il sistema modulare Sikla per la realizzazione di telai e strutture in acciaio, progettato per semplificare anche le applicazioni più complesse. L'utilizzo di un'unica vite, combinata con componenti centrali modulari e dimensioni standardizzate, permette assemblaggi tridimensionali rapidi, flessibili ed efficienti, riducendo il numero di elementi e i tempi di installazione.

## Accessori Centrali Termiche



Gli accessori per centrali termiche sono componenti essenziali per il buon funzionamento e per la lunga durata delle centrali termiche e frigorifere.

## Giunti e Raccordi



Giunti e raccordi scanalati sono affidabili e semplici da montare. Sono omologati FM e UL per i settori degli impianti Sprinkler, di condizionamento, per il trasporto di fluidi o di aria compressa.

## Antincendio



Le nostre stazioni a umido, a secco, a diluvio e a preazione assemblate in stabilimento rispondono alle omologazioni internazionali e alla normativa europea EN 12845.

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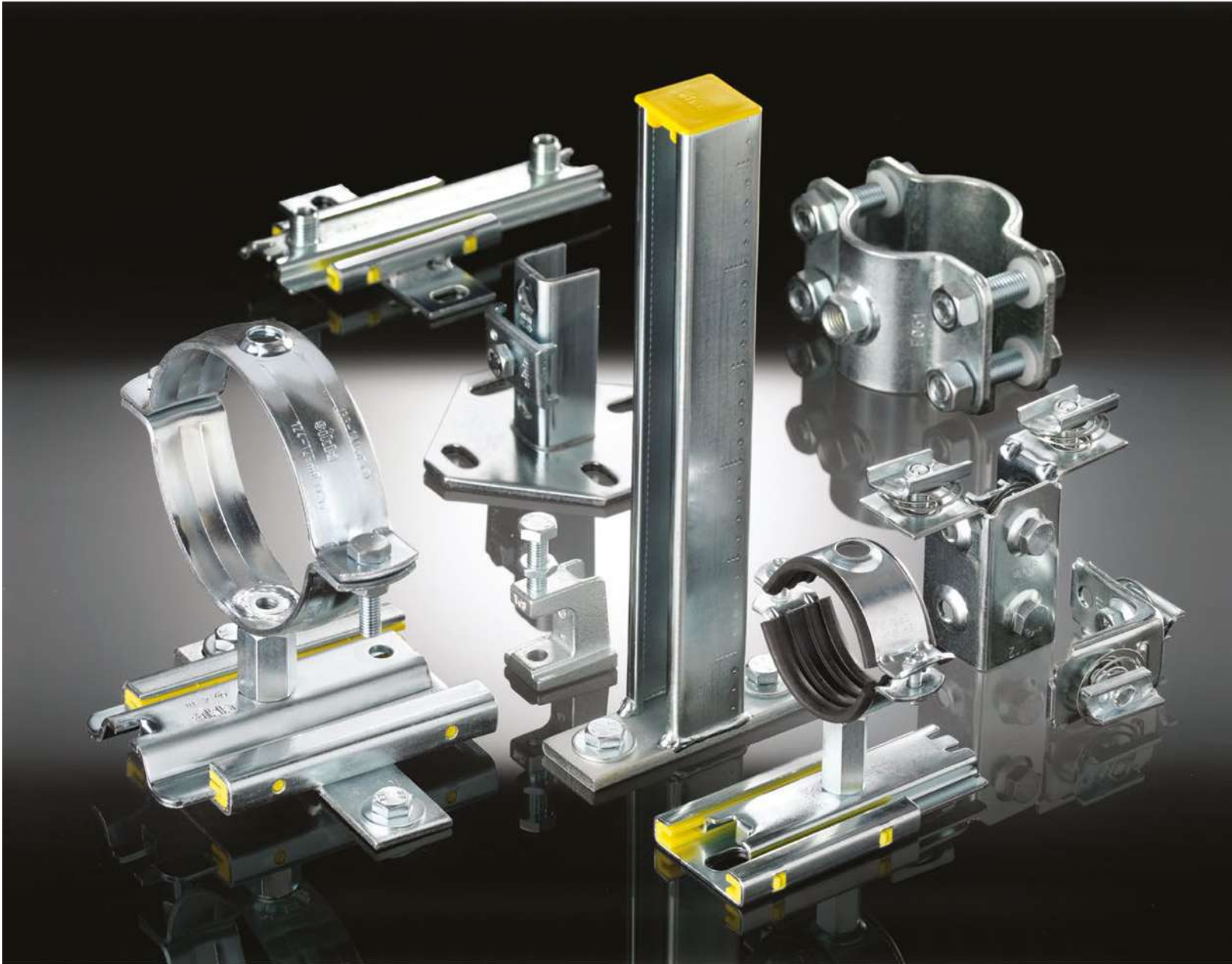
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	IDONEO PER APPLICAZIONI IN CASO DI INCENDIO
	IDONEO PER APPLICAZIONI IN CASO DI SISMA
	CERTIFICATO FM FACTORY MUTUAL
	MARCHIATURA CE IN ACCORDO AL RELATIVO STANDARD DI RIFERIMENTO
	CERTIFICATO UL UNDERWRITERS LABORATORIES
	IDONEO PER APPLICAZIONI IMPIANTI SPRINKLER VdS

# STAFFAGGIO



**COLLARI E ACCESSORI****STABIL D-A**  
viti escluse

31 - 35 mm	viti M8×20	1"	113367	50 PZ
40 - 45 mm	viti M8×20	1 1/4"	113368	50 PZ
48 - 53 mm	viti M8×20	1 1/2"	113369	50 PZ
54 - 59 mm	viti M8×20		113370	50 PZ
60 - 65 mm	viti M8×20	2"	113371	50 PZ
67 - 72 mm	viti M8×20		113372	50 PZ



76 - 81 mm	viti M10×30	2 1/2"	113373	25 PZ
82 - 87 mm	viti M10×30		113374	25 PZ
88 - 93 mm	viti M10×30	3"	113375	25 PZ
102 - 108 mm	viti M10×30		113376	25 PZ
110 - 116 mm	viti M10×30	4"	113377	25 PZ
124 - 129 mm	viti M10×30		113378	25 PZ
133 - 140 mm	viti M12×40		113379	10 PZ
140 - 148 mm	viti M12×40	5"	113380	10 PZ
149 - 155 mm	viti M12×40		113381	10 PZ
159 - 165 mm	viti M12×40		113382	10 PZ
167 - 173 mm	viti M12×40	6"	113383	10 PZ
176 - 184 mm	viti M12×45		113384	10 PZ
188 - 194 mm	viti M12×45		113385	10 PZ
199 - 205 mm	viti M12×45		113386	10 PZ
207 - 216 mm	viti M12×45		113387	10 PZ
219 - 225 mm	viti M12×45	8"	113388	10 PZ
244 - 250 mm	viti M12×45		113389	10 PZ
267 - 273 mm	viti M12×45	10"	113390	10 PZ
278 - 284 mm	viti M12×45		113391	10 PZ
297 - 303 mm	viti M12×45		113392	10 PZ



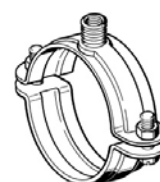
316 - 324 mm	viti M16×60	324	103701	1 PZ
348 - 356 mm	viti M16×60	356	103729	1 PZ
360 - 368 mm	viti M16×60	368	103747	1 PZ
399 - 407 mm	viti M16×60	407	103765	1 PZ
411 - 419 mm	viti M16×60	419	103783	1 PZ
500 - 508 mm	viti M16×60	508	103808	1 PZ
513 - 521 mm	viti M16×60	521	103826	1 PZ

**COLLARI E ACCESSORI****STABIL D-3G**

15 - 19 mm	M16/M10/M8	3/8"	107705	50 PZ
20 - 24 mm	M16/M10/M8	1/2"	107714	50 PZ
25 - 30 mm	M16/M10/M8	3/4"	107723	50 PZ
31 - 35 mm FM	M16/M10/M8	1"	107015	50 PZ
40 - 45 mm FM	M16/M10/M8	1 1/4"	107024	50 PZ
48 - 53 mm FM	M16/M10/M8	1 1/2"	107033	50 PZ
54 - 59 mm	M16/M10/M8		107042	50 PZ
60 - 65 mm FM	M16/M10/M8	2"	107051	50 PZ
67 - 72 mm	M16/M10/M8		107060	50 PZ

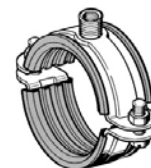


76 - 81 mm M FM	M16/M10/M8	2 1/2"	115759	25 PZ
82 - 87 mm M	M16/M10/M8		115761	25 PZ
88 - 93 mm M FM	M16/M10/M8	3"	115762	25 PZ
102 - 108 mm M	M16/M10/M8		115763	25 PZ
110 - 116 mm M FM	M16/M10/M8	4"	115764	25 PZ
124 - 129 mm M	M16/M10/M8		115766	25 PZ



133 - 140 mm	1/2"/M16/M12		107130	10 PZ
140 - 148 mm FM	1/2"/M16/M12	5"	115885	10 PZ
149 - 155 mm	1/2"/M16/M12		107149	10 PZ
159 - 165 mm	1/2"/M16/M12		107158	10 PZ
167 - 173 mm FM	1/2"/M16/M12	6"	107167	10 PZ
176 - 184 mm	1/2"/M16/M12		107176	10 PZ
188 - 194 mm	1/2"/M16/M12		107185	10 PZ
199 - 205 mm	1/2"/M16/M12		107194	10 PZ
207 - 216 mm	1/2"/M16/M12		148939	10 PZ
219 - 225 mm	1/2"/M16/M12	8"	107200	10 PZ
244 - 250 mm	1/2"/M16/M12		107219	10 PZ
267 - 273 mm	1/2"/M16/M12	10"	107228	10 PZ
278 - 284 mm	1/2"/M16/M12		107237	10 PZ
297 - 303 mm	1/2"/M16/M12		107246	10 PZ
310 - 316 mm	1/2"/M16/M12		147600	10 PZ

**STABIL D-M16**  
FM per 8" e 10"



218 - 227 mm	FM	M16	8"	118772	10 PZ
271 - 277 mm	FM	M16	10"	118198	10 PZ
316 - 324 mm		M16	12"	103844	1 PZ
348 - 356 mm		M16	14"	103862	1 PZ
360 - 368 mm		M16		103871	1 PZ
399 - 407 mm		M16	16"	103905	1 PZ
411 - 419 mm		M16		103914	1 PZ
500 - 508 mm		M16	20"	103941	1 PZ
513 - 521 mm		M16		103950	1 PZ

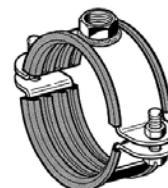
124 - 129 mm	FM		1/2"/M16/M12	107389	10 PZ
131 - 137 mm	FM		1/2"/M16/M12	107398	10 PZ
138 - 144 mm	FM		1/2"/M16/M12 5"	107404	10 PZ
148 - 154 mm	FM		1/2"/M16/M12	107413	10 PZ
156 - 162 mm	FM		1/2"/M16/M12	107422	10 PZ
165 - 171 mm			1/2"/M16/M12 6"	107431	10 PZ
177 - 183 mm			1/2"/M16/M12	107440	10 PZ
188 - 194 mm			1/2"/M16/M12	107459	10 PZ
196 - 203 mm			1/2"/M16/M12	148911	10 PZ
205 - 214 mm			1/2"/M16/M12	148920	10 PZ
219 - 225 mm			1/2"/M16/M12 8"	107468	10 PZ
244 - 250 mm			1/2"/M16/M12	107477	10 PZ
267 - 273 mm			1/2"/M16/M12 10"	107486	10 PZ
278 - 284 mm			1/2"/M16/M12	112718	10 PZ
299 - 305 mm			1/2"/M16/M12	107495	10 PZ
307 - 318 mm (no RAL)			1/2"/M16/M12	189974	10 PZ

**STABIL D-3G EPDM**  
FM da 29 a 162 mm



14 - 18 mm		M16/M10/M8	3/8"	107680	50 PZ
19 - 23 mm		M16/M10/M8	1/2"	107699	50 PZ
24 - 28 mm		M16/M10/M8	3/4"	107255	50 PZ
29 - 33 mm	FM	M16/M10/M8	1"	107264	50 PZ
33 - 37 mm	FM	M16/M10/M8		107273	50 PZ
40 - 45 mm	FM	M16/M10/M8	1 1/4"	107282	50 PZ
47 - 52 mm	FM	M16/M10/M8	1 1/2"	107291	50 PZ
53 - 58 mm	FM	M16/M10/M8		107307	50 PZ
60 - 65 mm	FM	M16/M10/M8	2"	107316	50 PZ

**STABIL D-M16 EPDM**



315 - 326 mm		M16	12"	103987	1 PZ
345 - 356 mm		M16	14"	103996	1 PZ
359 - 368 mm		M16		104003	1 PZ
398 - 407 mm		M16	16"	104012	1 PZ
410 - 419 mm		M16		104021	1 PZ
498 - 508 mm		M16	20"	104030	1 PZ
512 - 521 mm		M16		104049	1 PZ



67 - 72 mm	M FM	M16/M10/M8		115773	25 PZ
73 - 78 mm	M FM	M16/M10/M8	2 1/2"	115774	25 PZ
79 - 85 mm	M FM	M16/M10/M8		115775	25 PZ
88 - 93 mm	M FM	M16/M10/M8	3"	115776	25 PZ
100 - 106 mm	M FM	M16/M10/M8		115778	25 PZ
108 - 115 mm	M FM	M16/M10/M8	4"	115780	25 PZ

**COLLARI E ACCESSORI**
**STABIL D-3G SILICONE**  
 VDS fino a 8"

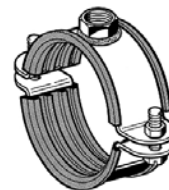

14 - 18 mm	M16/M10/M8	3/8"	108070	50 PZ
19 - 23 mm	M16/M10/M8	1/2"	108089	50 PZ
24 - 28 mm	M16/M10/M8	3/4"	108098	50 PZ
29 - 33 mm	M16/M10/M8	1 "	108104	50 PZ
33 - 37 mm	M16/M10/M8		108113	50 PZ
40 - 45 mm	M16/M10/M8	1 1/4"	108122	50 PZ
47 - 52 mm	M16/M10/M8	1 1/2"	108131	50 PZ
53 - 58 mm	M16/M10/M8		108140	50 PZ
60 - 65 mm	M16/M10/M8	2"	108159	50 PZ



100 - 106 mm	M16/M10/M8		108201	25 PZ
67 - 72 mm	M16/M10/M8		115801	25 PZ
73 - 78 mm	M16/M10/M8	2 1/2"	115802	25 PZ
79 - 85 mm	M16/M10/M8		115804	25 PZ
88 - 93 mm	M16/M10/M8	3"	115805	25 PZ
100 - 106 mm	M16/M10/M8		115806	25 PZ
108 - 115 mm	M16/M10/M8	4"	115807	25 PZ



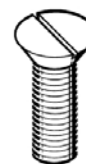
124 - 129 mm	1/2"/M16/M12		108229	10 PZ
131 - 137 mm	1/2"/M16/M12		108238	10 PZ
138 - 144 mm	1/2"/M16/M12	5"	108274	10 PZ
148 - 154 mm	1/2"/M16/M12		108283	10 PZ
156 - 162 mm	1/2"/M16/M12		108292	10 PZ
165 - 171 mm	1/2"/M16/M12	6"	108308	10 PZ
177 - 183 mm	1/2"/M16/M12		108317	10 PZ
188 - 194 mm	1/2"/M16/M12		108326	10 PZ
196 - 203 mm	1/2"/M16/M12		154947	10 PZ
205 - 214 mm	1/2"/M16/M12		149879	10 PZ
219 - 225 mm	1/2"/M16/M12	8"	108335	10 PZ
244 - 250 mm	1/2"/M16/M12		108344	10 PZ
267 - 273 mm	1/2"/M16/M12	10"	108353	10 PZ
299 - 305 mm	1/2"/M16/M12		108362	10 PZ

**STABIL D-M16 SILICONE**


315 - 324 mm	M16	12"	146007	1 PZ
345 - 356 mm	M16	14"	146016	1 PZ
359 - 368 mm	M16		146025	1 PZ
398 - 407 mm	M16	16"	146034	1 PZ
410 - 419 mm	M16		146043	1 PZ
495 - 508 mm	M16	20"	146052	1 PZ
512 - 521 mm	M16		146061	1 PZ

**STABIL D-3G-K**  
 per tubi in plastica


125 mm		802130	10 PZ
140 mm		802131	10 PZ
160 mm		802132	10 PZ
200 mm		169547	10 PZ
250 mm		117539	10 PZ

**VITE DI COLLEGAMENTO**


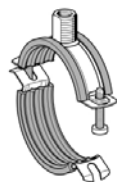
M8 x 20	114097	100 PZ
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**TRONCHETTO FILETTATO 3G**


M16/F10/F8	146326	50 PZ
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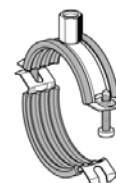
**COLLARI E ACCESSORI**

**RATIO S 2000**



12 - 20 mm	M10/M8	¼"-3/8"	154804	100 PZ
21 - 27 mm	M10/M8	½"-¾"	154813	100 PZ
28 - 35 mm	M10/M8	1"	154822	100 PZ
38 - 45 mm	M16/M10/M8	1"¼	154831	50 PZ
48 - 56 mm	M16/M10/M8	1"½	154840	50 PZ
57 - 63 mm	M16/M10/M8	2"	154859	50 PZ
64 - 71 mm	M16/M10/M8		154868	25 PZ
73 - 80 mm	M16/M10/M8	2"½	154877	25 PZ
83 - 90 mm	M16/M10/M8	3"	154886	25 PZ
108 - 114 mm	M16/M10/M8	4"	154895	25 PZ
116 - 125 mm	M16/M10/M8		154901	25 PZ
127 - 135 mm	M16/M10/M8		154910	25 PZ
140 - 146 mm	M16/M10/M8	5"	154929	25 PZ
159 - 170 mm	M16/M10/M8	6"	154938	25 PZ

**RATIO LS SILICONE**



12 - 20 mm	M10/M8	¼"-3/8"	166401	100 PZ
21 - 27 mm	M10/M8	½"-¾"	166410	100 PZ
28 - 35 mm	M10/M8	1"	166429	100 PZ
38 - 45 mm	M10/M8	1"¼	166438	50 PZ
48 - 56 mm	M10/M8	1"½	166447	50 PZ
57 - 63 mm	M10/M8	2"	166456	50 PZ
64 - 71 mm	M10/M8		166465	25 PZ
74 - 84 mm	M10/M8	2"½	166474	25 PZ
83 - 90 mm	M10/M8	3"	166483	25 PZ

**RATIO S-K PER TUBI IN PLASTICA**



16 mm	M10/M8		148771	100 PZ
20 mm	M10/M8		148780	100 PZ
25 mm	M10/M8		148799	100 PZ
32 mm	M10/M8		148805	100 PZ
40 mm	M16/M10/M8		148814	50 PZ
50 mm	M16/M10/M8		148823	50 PZ
56 mm	M16/M10/M8		148832	50 PZ
63 mm	M16/M10/M8		148841	50 PZ
75 mm	M16/M10/M8		148850	25 PZ
90 mm	M16/M10/M8		155993	25 PZ
110 mm	M16/M10/M8		156000	25 PZ
125 mm	M16/M10/M8		117541	25 PZ
160 mm	M16/M10/M8		117542	25 PZ

## COLLARI E ACCESSORI

### PRATIK DUO



13 - 18 mm	M10/M8	3/8"	173216	100 PZ
19 - 22 mm	M10/M8	1/2"	173225	100 PZ
27 - 30 mm	M10/M8	3/4"	173234	100 PZ
32 - 36 mm	M10/M8	1"	173243	100 PZ
40 - 44 mm	M10/M8	1 1/4"	173252	50 PZ
48 - 54 mm	M10/M8	1 1/2"	173261	50 PZ
55 - 59 mm	M10/M8		182990	50 PZ
60 - 66 mm	M10/M8	2"	173279	50 PZ
68 - 73 mm	M10/M8		173288	25 PZ
75 - 80 mm	M10/M8	2 1/2"	173297	25 PZ
84 - 89 mm	M10/M8	3"	173306	25 PZ
90 - 98 mm	M10/M8		186023	25 PZ
94 - 101 mm	M10/M8		186032	25 PZ
102 - 108 mm	M10/M8		173315	25 PZ
110 - 115 mm	M10/M8	4"	173324	25 PZ
118 - 125 mm	M10/M8		186041	25 PZ
129 - 136 mm	M10/M8		191387	25 PZ
138 - 144 mm	M10/M8	5"	191396	25 PZ
144 - 153 mm	M10/M8		191405	25 PZ
159 - 167 mm	M10/M8		191414	25 PZ

### PRATIK DUO EPDM



12 - 15 mm	M10/M8	1/4"	159368	100 PZ
15 - 19 mm	M10/M8	3/8"	159377	100 PZ
20 - 23 mm	M10/M8	1/2"	159386	100 PZ
25 - 28 mm	M10/M8	3/4"	159395	100 PZ
32 - 35 mm	M10/M8	1"	159401	100 PZ
40 - 45 mm	M10/M8	1 1/4"	159614	50 PZ
48 - 52 mm	M10/M8	1 1/2"	159623	50 PZ
52 - 58 mm	M10/M8		179003	50 PZ
60 - 64 mm	M10/M8	2"	159632	50 PZ
67 - 72 mm	M10/M8		179012	25 PZ
73 - 80 mm	M10/M8	2 1/2"	159641	25 PZ
81 - 87 mm	M10/M8		192665	25 PZ
86 - 91 mm	M10/M8	3"	159650	25 PZ
102 - 108 mm	M10/M8		179021	25 PZ
110 - 115 mm	M10/M8	4"	159669	25 PZ
120 - 128 mm	M10/M8		191459	25 PZ
135 - 143 mm	M10/M8	5"	191477	25 PZ
149 - 161 mm	M10/M8		191486	25 PZ
162 - 170 mm	M10/M8	6"	191468	25 PZ
198 - 207 mm	M10/M8		191495	25 PZ
207 - 219 mm	M10/M8	8"	191504	20 PZ

### COLLARI ERS



11 - 15 mm	M8/M10	1/4"	116766	200 PZ
15 - 19 mm	M8/M10	3/8"	116767	180 PZ
20 - 24 mm	M8/M10	1/2"	116768	170 PZ
25 - 28 mm	M8/M10	3/4"	116769	130 PZ
32 - 35 mm	M8/M10	1"	116771	120 PZ
39 - 46 mm	M8/M10	1 1/4"	116772	90 PZ
48 - 53 mm	M8/M10	1 1/2"	116773	70 PZ
54 - 58 mm	M8/M10		116774	50 PZ
59 - 66 mm	M8/M10	2"	116775	50 PZ
75 - 80 mm	M8/M10	2 1/2"	116776	60 PZ
87 - 92 mm	M8/M10	3"	116777	50 PZ
107 - 115 mm	M8/M10	4"	116778	50 PZ
120 - 128 mm	M8/M10		K117506	40 PZ

### PRATIK BZ



3/8"	M 8	30133	100 PZ
1/2"	M 8	30134	100 PZ
3/4"	M 8	30135	100 PZ
1"	M 8	30136	100 PZ
1 1/4"	M 8	30137	100 PZ
1 1/2"	M 8	30138	100 PZ
2"	M 8	30139	100 PZ
2 1/2"	M10	30140	50 PZ
3"	M10	30141	50 PZ
4"	M10	30142	50 PZ
5"	M10	30143	50 PZ
6"	M10	30144	50 PZ

PRATIK BZ CON PERNO E TASSELLO



3/8"	M 8	391211	100 PZ
1/2"	M 8	391221	100 PZ
3/4"	M 8	391231	100 PZ
1"	M 8	391241	100 PZ
1 1/4"	M 8	391251	100 PZ
1 1/2"	M 8	391261	100 PZ
2"	M 8	391271	100 PZ
2 1/2"	M10	391281	50 PZ
3"	M10	391291	50 PZ
4"	M10	391301	50 PZ
5"	M10	391311	50 PZ
6"	M10	391321	50 PZ

PRATIK BPE ATTACCO 1/2"



40 mm	1/2"	30170	100 PZ
50 mm	1/2"	30171	100 PZ
63 mm	1/2"	30173	100 PZ
75 mm	1/2"	30174	100 PZ
90 mm	1/2"	30175	100 PZ
110 mm	1/2"	30176	50 PZ
125 mm	1/2"	30177	50 PZ
140 mm	1/2"	30178	50 PZ
160 mm	1/2"	30179	50 PZ
200 mm	1/2"	30180	50 PZ
250 mm	1/2"	30196	50 PZ
315 mm	1/2"	30197	50 PZ
350 mm	1/2"	30198	50 PZ
400 mm	1/2"	30199	50 PZ

PRATIK BPE CON PERNO E TASSELLO



40 mm	M10	392001	100 PZ
50 mm	M10	392011	100 PZ
63 mm	M10	392031	100 PZ
75 mm	M10	392041	100 PZ
90 mm	M10	392051	100 PZ
100 mm	M10	392056	50 PZ
110 mm	M10	392061	50 PZ
125 mm	M10	392071	50 PZ
140 mm	M10	392081	50 PZ
160 mm	M10	392091	50 PZ
200 mm	M10	392101	30 PZ

PRATIK BPE ATTACCO 1"



250 mm	1"	30181	25 PZ
315 mm	1"	30182	25 PZ
400 mm	1"	30183	25 PZ

**COLLARI E ACCESSORI**
**COLLARE SPRINKLER BCS**


1"	M10	35771	100 PZ
1 1/4"	M10	35772	100 PZ
1 1/2"	M10	35773	100 PZ
2"	M10	35774	100 PZ
2 1/2"	M10	35775	100 PZ
3"	M10	35776	100 PZ
4"	M10	35778	50 PZ
5"	M12	35779	50 PZ
6"	M12	35780	50 PZ
8"	M12	35781	25 PZ

**COLLARE SPRINKLER N**

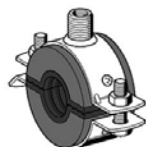

33,7	M10	1"	102126	100 PZ
42,4	M10	1 1/4"	102135	50 PZ
48,3	M10	1 1/2"	102144	50 PZ
60,3	M10	2"	102153	50 PZ
76,1	M10	2 1/2"	102320	25 PZ
88,9	M10	3"	102339	25 PZ
114,3	M10	4"	102357	25 PZ
139,7	M12	5"	102375	25 PZ
168,3	M12	6"	102393	25 PZ
219,1	M16	8"	102409	10 PZ

**STABIL RB-A in acciaio nero**


14 - 18 mm	110309	25 PZ
18 - 22 mm	110310	25 PZ
23 - 27 mm	110312	25 PZ
30 - 34 mm	110403	25 PZ
35 - 39 mm	110314	25 PZ
40 - 44 mm	110404	25 PZ
45 - 49 mm	110316	25 PZ
57 - 61 mm	110319	25 PZ
67 - 71 mm	110320	25 PZ
72 - 77 mm	110321	25 PZ
84 - 89 mm	110322	25 PZ
96 - 102 mm	110323	10 PZ
102 - 109 mm	110324	10 PZ
109 - 115 mm	110325	10 PZ
128 - 134 mm	110327	10 PZ
134 - 140 mm	110328	10 PZ
157 - 163 mm	111733	10 PZ
163 - 169 mm	110330	10 PZ
188 - 194 mm	110332	1 PZ
215 - 221 mm	110335	1 PZ
246 - 254 mm	110336	1 PZ
259 - 266 mm	110337	1 PZ
266 - 273 mm	110338	1 PZ
317 - 324 mm	110341	1 PZ
349 - 356 mm	110342	1 PZ
366 - 374 mm	110343	1 PZ
397 - 407 mm	110344	1 PZ
419 - 429 mm	110345	1 PZ
447 - 457 mm	110346	1 PZ
498 - 508 mm	110347	1 PZ
520 - 530 mm	110348	1 PZ
531 - 541 mm	110442	1 PZ
600 - 610 mm	110443	1 PZ

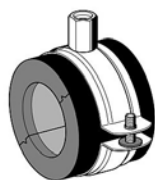
**COLLARI E ACCESSORI**

**COLLARE SKS**



17 - 22 mm 1/2"	M16/M10/M8	s= 20	191207	50 PZ
23 - 26 mm	M16/M10/M8	s= 20	194980	50 PZ
27 - 32 mm 3/4"	M16/M10/M8	s= 20	191216	50 PZ
33 - 38 mm 1"	M16/M10/M8	s= 20	191225	50 PZ
38 - 42 mm	M16/M10/M8	s= 20	194997	25 PZ
42 - 47 mm 1 1/4"	M16/M10/M8	s= 30	191234	25 PZ
48 - 54 mm 1 1/2"	M16/M10/M8	s= 30	191243	25 PZ
57 - 62 mm 2"	M16/M10/M8	s= 30	191252	25 PZ
63 - 68 mm	M16/M10/M8	s= 30	195000	25 PZ
70 - 75 mm	M16/M10/M8	s= 30	191261	25 PZ
76 - 81 mm 2 1/2"	M16/M10/M8	s= 30	191279	25 PZ
89 - 94 mm 3"	M16/M10/M8	s= 30	191288	25 PZ
107 - 112 mm	M16/M10/M8	s= 40	191297	10 PZ
113 - 117 mm 4"	M16/M10/M8	s= 40	191306	10 PZ
125 - 128 mm	M16/M10/M8	s= 40	195048	10 PZ
133 - 137 mm	M16/M10/M8	s= 40	191315	10 PZ
138 - 142 mm 5"	M16/M10/M8	s= 40	191324	10 PZ
157 - 161 mm	M16/M10/M8	s= 40	191333	10 PZ
168 - 172 mm 6"	M16/M10/M8	s= 40	191342	10 PZ
219 - 222 mm 8"	1/2"/M16/M12	s= 60	191351	1 PZ
272 - 275 mm 10"	1/2"/M16/M12	s= 60	191369	1 PZ
324 - 327 mm 12"	1/2"/M16/M12	s= 60	191378	1 PZ

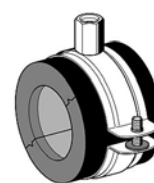
**COLLARE LKS H**



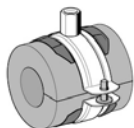
15,0 mm 1/4"	M8/M10	s=13,0	114693	48 PZ
18,0 mm 3/8"	M8/M10	s=13,0	114695	48 PZ
22,0 mm 1/2"	M8/M10	s=13,0	114697	36 PZ
25,0 mm	M8/M10	s=13,0	114698	30 PZ
28,0 mm 3/4"	M8/M10	s=13,5	114700	30 PZ
30,0 mm	M8/M10	s=13,5	114701	30 PZ
35,0 mm 1"	M8/M10	s=13,5	114703	30 PZ
38,0 mm	M8/M10	s=14,0	114704	30 PZ
42,0 mm 1 1/4"	M8/M10	s=14,0	114707	24 PZ
44,5 mm	M8/M10	s=14,0	114708	24 PZ
48,3 mm 1 1/2"	M8/M10	s=14,0	114709	24 PZ
54,0 mm	M8/M10	s=14,0	114711	24 PZ
57,0 mm	M8/M10	s=15,0	114712	24 PZ
60,3 mm 2"	M8/M10	s=15,0	114713	24 PZ
64,0 mm	M8/M10	s=15,0	114715	18 PZ

70,0 mm	M8/M10	s=15,0	114716	18 PZ
76,1 mm 2 1/2"	M8/M10	s=15,0	114717	18 PZ
80,0 mm	M8/M10	s=15,0	114718	18 PZ
88,9 mm 3"	M8/M10	s=15,0	114719	18 PZ
101,6 mm	M8/M10	s=15,5	114720	6 PZ
108,0 mm	M8/M10	s=15,5	114721	6 PZ
114,3 mm 4"	M8/M10	s=15,5	114724	6 PZ
133,0 mm	M8/M10	s=16,0	114726	6 PZ
139,7 mm 5"	M12/M16/1/2"	s=16,0	114727	6 PZ
159,0 mm	M12/M16/1/2"	s=16,0	114728	6 PZ
168,3 mm 6"	M12/M16/1/2"	s=16,0	114729	6 PZ

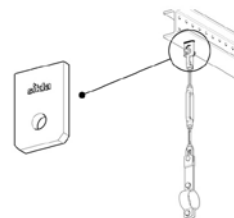
**COLLARE LKS M**



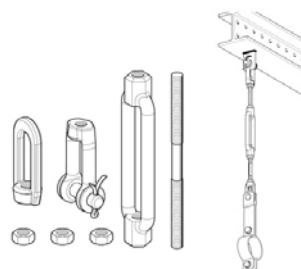
15,0 mm 1/4"	M8/M10	s=19	114730	42 PZ
18,0 mm 3/8"	M8/M10	s=19,5	114733	42 PZ
22,0 mm 1/2"	M8/M10	s=19,5	114735	42 PZ
25,0 mm	M8/M10	s=19,5	114736	42 PZ
28,0 mm 3/4"	M8/M10	s=20	114738	36 PZ
30,0 mm	M8/M10	s=20	114739	36 PZ
35,0 mm 1"	M8/M10	s=20	114741	24 PZ
38,0 mm	M8/M10	s=21,5	114742	24 PZ
42,0 mm 1 1/4"	M8/M10	s=21,5	114744	24 PZ
44,5 mm	M8/M10	s=21,5	114745	24 PZ
48,3 mm 1 1/2"	M8/M10	s=21,5	114746	18 PZ
54,0 mm	M8/M10	s=21,5	114748	18 PZ
57,0 mm	M8/M10	s=22	114749	18 PZ
60,3 mm 2"	M8/M10	s=22	114751	18 PZ
64,0 mm	M8/M10	s=22	114752	18 PZ
70,0 mm	M8/M10	s=22	114753	18 PZ
76,1 mm 2 1/2"	M8/M10	s=22	114754	18 PZ
80,0 mm	M8/M10	s=22	114755	18 PZ
88,9 mm 3"	M8/M10	s=22	114756	10 PZ
101,6 mm	M8/M10	s=22,5	114757	10 PZ
108,0 mm	M8/M10	s=22,5	114758	10 PZ
110,0 mm	M8/M10	s=22,5	114759	10 PZ
114,3 mm 4"	M8/M10	s=22,5	114760	8 PZ
133,0 mm	M8/M10	s=22,5	114762	6 PZ
139,7 mm 5"	M12/M16/1/2"	s=23	114763	6 PZ
159,0 mm	M12/M16/1/2"	s=23	114764	6 PZ
168,3 mm 6"	M12/M16/1/2"	s=23	114765	6 PZ
180,0 mm	M12/M16/1/2"	s=23	114766	6 PZ
200,0 mm	M12/M16/1/2"	s=25	114767	6 PZ
219,0 mm 8"	M12/M16/1/2"	s=25	114768	6 PZ
225,0 mm	M12/M16/1/2"	s=23	114769	6 PZ
250,0 mm	M12/M16/1/2"	s=25	114770	2 PZ
273,0 mm 10"	M16	s=25	114771	2 PZ

**COLLARI E ACCESSORI****COLLARE AKS**

10 mm	M8/M10	s=13	113429	50 PZ
12 mm	M8/M10	s=13	113430	50 PZ
15 mm 1/4"	M8/M10	s=13	113431	50 PZ
18 mm 3/8"	M8/M10	s=13	113432	50 PZ
22 mm 1/2"	M8/M10	s=13	113433	50 PZ
25 mm	M8/M10	s=13	113434	50 PZ
28 mm 3/4"	M8/M10	s=13	113435	50 PZ
30 mm	M8/M10	s=13	113436	50 PZ
35 mm 1"	M8/M10	s=13	113437	50 PZ
42 mm 1 1/4"	M8/M10	s=13	113438	30 PZ
48 mm 1 1/2"	M8/M10	s=13	113439	30 PZ
54 mm	M8/M10	s=13	113440	30 PZ
60 mm 2"	M8/M10	s=13	113441	30 PZ

**ACCESSORI PER CATENARIA**

PIASTRA HPA M12-2	113018	10 PZ
PIASTRA HPA M16-2	113019	10 PZ



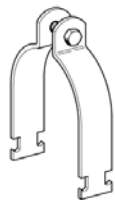
LKV M10	11,2 kN	113919	10 PZ
LKV M12	12,1 kN	113920	10 PZ
LKV M16	14,0 kN	113921	10 PZ

**STABIL C LK**

21,3 mm	1/2"	HCP	113103	25 PZ
26,9 mm	3/4"	HCP	113104	25 PZ
33,7 mm	1"	HCP	113105	25 PZ
42,4 mm	1 1/4"	HCP	113106	25 PZ
48,3 mm	1 1/2"	HCP	113107	25 PZ
60,3 mm	2"	HCP	113108	10 PZ
76,1 mm	2 1/2"	HCP	113109	10 PZ
88,9 mm	3"	HCP	113110	10 PZ
114,3 mm	4"	HCP	113111	10 PZ
139,7 mm	5"	HCP	113112	10 PZ
168,3 mm	6"	HCP	113113	1 PZ
219,1 mm	8"	HCP	113114	1 PZ
273,0 mm	10"	HCP	113115	1 PZ
323,9 mm	12"	HCP	113116	1 PZ

**COLLARI E ACCESSORI**

**COLLARE UNIVERSALE PER PROFILI 41**



18-20 mm		181791	100 PZ
20-22 mm	½"	181793	100 PZ
25-28 mm	¾"	181811	100 PZ
30-35 mm	1"	181829	50 PZ
42-45 mm	1¼"	181856	50 PZ
45-50 mm	1½"	181865	50 PZ
52-56 mm		181867	50 PZ
60-63 mm	2"	181892	25 PZ
65-70 mm		181910	25 PZ
75-80 mm	2½"	181928	25 PZ
84-90 mm	3"	181937	25 PZ
100-106 mm		181939	25 PZ
110-115 mm	4"	181973	25 PZ
134-140 mm	5"	182000	25 PZ
160-168 mm	6"	182027	20 PZ
219-225 mm	8"	182072	30 PZ
267-273 mm	10"	182090	20 PZ
309-324 mm	12"	182108	15 PZ

**COLLARE AD U**



18 mm	Ø9mm	3/8"	159012	50 PZ
22 mm	Ø9mm	½"	159021	50 PZ
28 mm	Ø9mm	¾"	159030	50 PZ
34 mm	Ø9mm	1"	159049	25 PZ
43 mm	Ø9mm	1¼"	159058	25 PZ
49 mm	Ø9mm	1½"	159067	25 PZ
61 mm	Ø9mm	2"	159076	25 PZ
77 mm	Ø9mm	2½"	159085	25 PZ
90 mm	Ø9mm	3"	159094	25 PZ
115 mm	Ø13mm	4"	159100	25 PZ
141 mm	Ø13mm	5"	159119	10 PZ
169 mm	Ø13mm	6"	159128	10 PZ
221 mm	Ø13mm	8"	159137	1 PZ
275 mm	Ø17mm	10"	159146	1 PZ
326 mm	Ø17mm	12"	159155	1 PZ

**U-BOLT con dadi e rondelle incluse**

Ubolt a norma DIN 3570 vedere capitolo zincati a caldo



21,3 mm	M 8	½"	102162	50 PZ
26,9 mm	M 8	¾"	102773	50 PZ
33,7 mm	M 8	1"	102782	50 PZ
42,4 mm	M 8	1¼"	102791	50 PZ
48,3 mm	M 8	1½"	102807	50 PZ
60,3 mm	M10	2"	102816	50 PZ
76,1 mm	M10	2½"	102825	50 PZ
88,9 mm	M10	3"	102834	50 PZ
114,3 mm	M12	4"	102171	25 PZ
139,7 mm	M12	5"	102180	25 PZ
168,3 mm	M12	6"	102199	10 PZ
219,1 mm	M12	8"	102870	10 PZ
273,0 mm	M10	10"	102871	10 PZ

**UBOL-T LUNGH**



33,7 mm	M 8	1"	102782L	50 PZ
42,4 mm	M 8	1¼"	102791L	50 PZ
48,3 mm	M 8	1½"	102807L	50 PZ
60,3 mm	M10	2"	102816L	50 PZ
76,1 mm	M10	2½"	102825L	50 PZ
88,9 mm	M10	3"	102834L	50 PZ
114,3 mm	M12	4"	102171L	50 PZ
139,7 mm	M12	5"	102180L	25 PZ
168,3 mm	M12	6"	102199L	10 PZ
219,1 mm	M12	8"	102870L	10 PZ

**COLLARI PER CANALI D'ARIA**
**COLLARE PLU 2G M8/10**


DN 71	M8/M10	199626	50 PZ
DN 80	M8/M10	199633	50 PZ
DN 90	M8/M10	199640	50 PZ
DN 100	M8/M10	199657	100 PZ
DN 112	M8/M10	199664	100 PZ
DN 125	M8/M10	199671	100 PZ
DN 140	M8/M10	199688	80 PZ
DN 150	M8/M10	199695	80 PZ
DN 160	M8/M10	199701	80 PZ
DN 180	M8/M10	199718	50 PZ
DN 200	M8/M10	199725	50 PZ
DN 224	M8/M10	199732	50 PZ
DN 250	M8/M10	199749	40 PZ
DN 280	M8/M10	199756	40 PZ
DN 300	M8/M10	199763	40 PZ
DN 315	M8/M10	199770	40 PZ
DN 355	M8/M10	199787	40 PZ
DN 400	M8/M10	199794	30 PZ
DN 450	M8/M10	199800	20 PZ
DN 500	M8/M10	199817	20 PZ

**COLLARE PLU 2G M8/10 EPDM**


DN 71	M8/M10	199824	50 PZ
DN 80	M8/M10	199831	50 PZ
DN 90	M8/M10	199848	50 PZ
DN 100	M8/M10	199855	100 PZ
DN 112	M8/M10	199862	100 PZ
DN 125	M8/M10	199879	100 PZ
DN 140	M8/M10	199886	70 PZ
DN 150	M8/M10	199893	70 PZ
DN 160	M8/M10	199909	70 PZ
DN 180	M8/M10	199916	50 PZ
DN 200	M8/M10	199923	50 PZ
DN 224	M8/M10	199930	50 PZ
DN 250	M8/M10	199947	40 PZ
DN 280	M8/M10	199954	40 PZ
DN 300	M8/M10	199961	40 PZ
DN 315	M8/M10	199978	40 PZ
DN 355	M8/M10	199985	40 PZ

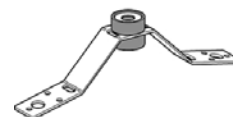
DN 400	M8/M10	199992	30 PZ
DN 450	M8/M10	199993	20 PZ
DN 500	M8/M10	199994	20 PZ

**COLLARE PLU M12**


DN 560	121848	1 PZ
DN 600	149116	1 PZ
DN 630	121857	1 PZ
DN 710	121866	1 PZ
DN 800	121875	1 PZ
DN 900	121884	1 PZ
DN 1000	121893	1 PZ
DN 1120	121909	1 PZ
DN 1250	121918	1 PZ

**COLLARE PLU EPDM M12**

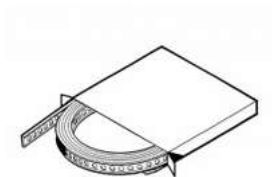

DN 560	190181	1 PZ
DN 600	190199	1 PZ
DN 630	190208	1 PZ
DN 710	190217	1 PZ
DN 800	190226	1 PZ
DN 900	190235	1 PZ
DN1000	190244	1 PZ
DN1120	190253	1 PZ
DN1250	190262	1 PZ

**SOSTEGNO PER CANALI D'ARIA**


LUB	Ø 10,5	151582	100 PZ
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## COLLARI PER CANALI D'ARIA

### REGGETTA FORATA



17×6,4 mm	10 m	zincata	120874	1 PZ
26×1,0 mm	10 m	zincata	120883	1 PZ
19×7,0 mm	10 m	plastificata	121015	10 PZ

### ANGOLARE PER CANALE D'ARIA



SL	0,8 kN	189893	100 PZ
SZ	0,8 kN	189902	100 PZ



A-L	0,5 kN	110496	100 PZ
A-Z	0,5 kN	110498	100 PZ



A-SL	0,3 kN	110497	100 PZ
A-SZ	0,3 kN	110499	100 PZ

## ANGOLARE PER CANALE D'ARIA LUW



LUW F M8	113331	100 PZ
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LUW SF M 8	113329	100 PZ
LUW SF M10	113330	100 PZ

**FUNI E CAVI**
**MORSETTO KL**

Attenzione: compatibile solamente con il cavo di seguito



KL50	Per cavo G	15 kg	502100	10 PZ
KL100	Per cavo S	50 kg	502101	10 PZ
KL150	Per cavo Y	120 kg	502102	10 PZ
KL200	Per cavo P	300 kg	502103	10 PZ
KL600	Per cavo N	500 kg	502104	10 PZ

**CAVO METALLICO**


200 G	200 m	per KL50	502109	1 RT
100 S	100 m	per KL100	502110	1 RT
200 S	200 m	per KL100	502111	1 RT
100 Y	100 m	per KL150	502113	1 RT
100 P	100 m	per KL200	502114	1 RT
100 N	100 m	per KL600	502115	1 RT

**KIT TERMINALE AD ANELLO**

Include: cavo a misura con terminale + morsetto KL



2 m	50kg	502141	1 PZ
3 m	50kg	502142	1 PZ
5 m	50kg	502144	1 PZ
2 m	90kg	502147	1 PZ
3 m	90kg	502148	1 PZ
5 m	90kg	502150	1 PZ
3 m	300kg	502154	1 PZ
5 m	300kg	502156	1 PZ
10 m	300kg	502157	1 PZ

**KIT TERMINALE CON-LOCK**

Include: cavo a misura con terminale + morsetto KL



CLS2	2 m	50 kg	502171	1 PZ
CLS3	3 m	50 kg	502172	1 PZ
CLS5	5 m	50 kg	502174	1 PZ

**KIT TERMINALE FILETTATO**

Include: cavo a misura con terminale + morsetto KL



2 m	M6 x 20	15 kg	502195	1 PZ
3 m	M6 x 20	15 kg	502196	1 PZ
2 m	M8 x 25	90 kg	502213	1 PZ

**KIT SOSPENSIONE TRY**

a richiesta



G50-200	300mm	50 kg	502302	1 PZ
G300-400	460mm	50 kg	502303	1 PZ

## FUNI E CAVI

### KIT SOSPENSIONE VERTICALE

a richiesta, include: cavo a misura con terminale + morsetto KL



1 m M6	10kg	502358	1 PZ
2 m M6	10kg	502359	1 PZ
4 m M6	10kg	502361	1 PZ
2 m M8	35kg	502377	1 PZ
3 m M8	35kg	502378	1 PZ
5 m M8	35kg	502380	1 PZ

### KIT TESATA ORIZZONTALE

a richiesta



5 m	30 kg	502340	1 PZ
10 m	30 kg	502341	1 PZ
5 m	100 kg	502352	1 PZ
10 m	100 kg	502353	1 PZ
20 m	100 kg	502355	1 PZ
40 m	100 kg	502357	1 PZ

## ANCORANTI PER CAVI



FNA II H

Ø6x54mm F44126

100 PZ



AA-O M 6

F90257

100 PZ



TW Ø6x60mm

500450

100 PZ

## CESOIA PER CAVI



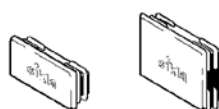
95 61

1021380190

1 PZ

**PROFILATI PRESSIX E ACCESSORI**
**PROFILATO PRESSIX**


27/15/1,25	2 m	110856	20 MT
27/25/1,25	2 m	110857	20 MT
27/37/1,25	2 m	110569	20 MT

**TAPPO TERMINALE**


27/15	193969	100 PZ
27/25	111463	100 PZ
27/37	110571	100 PZ

**GRIFFA DI BLOCCAGGIO 27**


HK 27/10	114422	50 PZ
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**DADO A MARTELLO CON MOLLA PIATTA CC27**


M 6	195956	100 PZ
M 8	195949	100 PZ
M 10	117358	100 PZ

**BLOCCO A PRESSIONE CC27**


PB 27	M 8	195932	100 PZ
PB 27	M 10	117357	100 PZ

**VITE A MARTELLO CC27**


M8 × 35 mm	195888	100 PZ
M8 × 75 mm	195895	100 PZ
M8 × 125 mm	195901	50 PZ
M8 × 175 mm	195918	50 PZ
M8 × 275 mm	195925	50 PZ

**PIASTRA ANGOLARE CC27 90°**

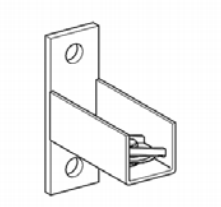

CC 27 90°	con 2 dadi	195772	50 PZ
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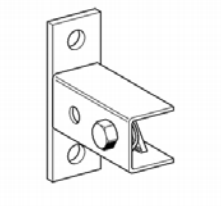
CC 27 90° W	con 1 dado	195789	50 PZ
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**PROFILATI PRESSIX E ACCESSORI**

**SOSTEGNO LATERALE MOF**

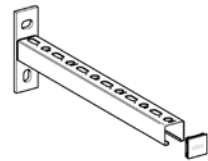


MH 27 198858 25 PZ

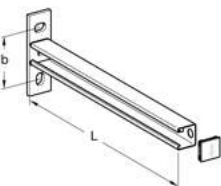


MV 27 198865 25 PZ

**MENSOLA A SBALZO 27**

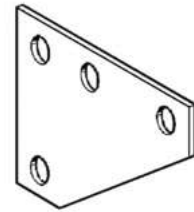


27/25	L= 200 mm	112326	25 PZ
27/25	L= 250 mm	112327	25 PZ
27/25	L= 300 mm	112328	25 PZ
27/25	L= 500 mm	112329	25 PZ
27/25	L= 700 mm	112330	25 PZ
27/37	L= 300 mm	111458	25 PZ
27/37	L= 500 mm	111459	25 PZ
27/37	L= 700 mm	111460	25 PZ
27/37	L= 800 mm	111461	25 PZ



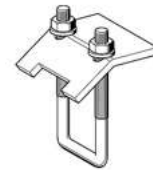
27/25 Q L= 300 mm 112366 25 PZ

**PIASTRA KNO**

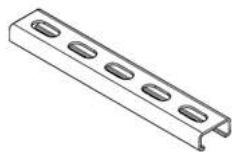


KNO 1 80x90x3 107769 10 PZ

**PIASTRA DI ANCORAGGIO 27**



SB 27 M 8 2,0 KN 195864 20 PZ

**PROFILATI R E ACCESSORI**
**PROFILATO R**


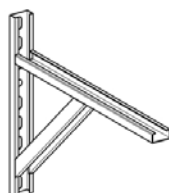
30/15/1,50	R1	2 m	100921	100 MT
32/20/2,50	R2	2 m	150005	100 MT

**ANGOLARE 60/60/45**

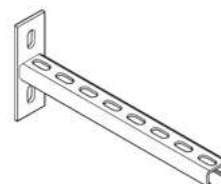

60/60/45°	71622	25 PZ
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**ANGOLARE 60/60/90**


60/60/90°	71606	50 PZ
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**MENSOLA A SQUADRA R2**


R 350	L=370 h=275 mm	71580	2 PZ
R 525	L=545 h=380 mm	71590	2 PZ

**MENSOLA A SBALZO R2**


R 280	L=275 mm	75017	10 PZ
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**TAPPO TERMINALE PER PROFILO**


R1	50501	100 PZ
R2	50502	100 PZ

**DADO CLICK EASY**


M 8	80361	50 PZ
M10	80362	50 PZ

**VITE CLICK EASY**


M 10×40 mm	80380	50 PZ
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## PROFILATI R E ACCESSORI

### DADO A MARTELLO



M 6 S	80301	50 PZ
M 8 S	80302	50 PZ
M10 S	80303	50 PZ
M12 S	80304	50 PZ

### VITE A MARTELLO



M 8x30 mm	980375	100 PZ
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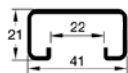
### MENSOLA TRASVERSALE RZ



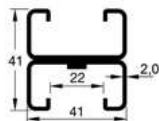
H-90	71630	10 PZ
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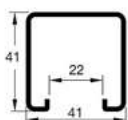
V-90	71631	10 PZ
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**PROFILATI 41 E ACCESSORI**
**PROFILATI 41/21**


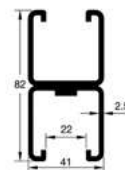
41/21/1,5	2 m	173837C	100 MT
41/21/1,5	3 m	178202C	150 MT
41/21/1,8	2 m	193670C	150 MT
41/21/1,8	3 m	193671C	150 MT
41/21/2,0	2 m	193686C	100 MT
41/21/2,0	3 m	193693C	150 MT
41/21/2,0	6 m	193709C	300 MT
41/21/2,5	3 m	193712C	150 MT
41/21/2,5	6 m	193714C	300 MT



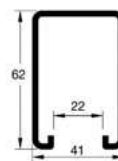
41/21/2,0 D	3 m	193811C	75 MT
41/21/2,0 D	6 m	193815C	150 MT

**PROFILATI 41/41**


41/41/1,5	2 m	116796C	100 MT
41/41/1,5	3 m	116797C	150 MT
41/41/1,5	6 m	195703C	300 MT
41/41/1,8	2 m	193717C	100 MT
41/41/1,8	3 m	193718C	150 MT
41/41/2,0	2 m	193723C	100 MT
41/41/2,0	3 m	193730C	150 MT
41/41/2,0	4 m	193731C	200 MT
41/41/2,0	6 m	193747C	300 MT
41/41/2,5	2 m	173909C	100 MT
41/41/2,5	3 m	173432C	150 MT
41/41/2,5	6 m	166720C	300 MT



41/41/2,5 D	3 m	173441C	75 MT
41/41/2,5 D	6 m	166757C	150 MT

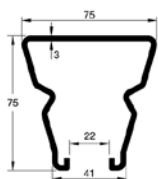
**PROFILATI 41/62**


41/62/2,5	3 m	193789C	120 MT
41/62/2,5	6 m	193792C	240 MT

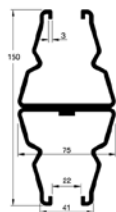


41/62/2,5 D	3 m	193851C	75 MT
41/62/2,5 D	6 m	193853C	150 MT

PROFILATI 41/75

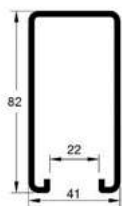


41/75/3,0      6 m      173999      144 MT



41/75/3,0 D      6 m      174161      72 MT

PROFILATI 41/82



41/82/2,5      6 m      193798C      240 MT

PROLUNGA TELESCOPICA ST 41

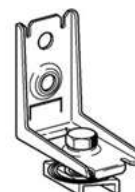


ST 41      L=0-200 mm      189740      25 PZ

PIASTRA ANGOLARE STABIL CC 41

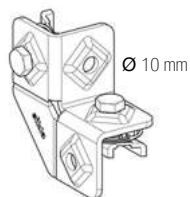


CC41-45° W	con 1 dado	3,5 kN	191891	25 PZ
CC41-45°	con 2 dadi	3,5 kN	191882	25 PZ



CC41-90° W	con 1 dado	3,5 kN	191684	25 PZ
CC41-90°	con 2 dadi	3,5 kN	191675	25 PZ

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**PIASTRA ANGOLARE EV CC41-1**


EV CC41-1      5,0 kN      117338      25 PZ

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**PIASTRA ANGOLARE EV CC 41-4**


EV CC41-4      3,3 kN in coppia      117463      10 PZ

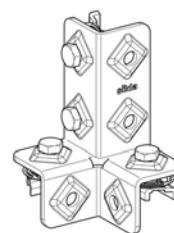
**PROFILATI 41 E ACCESSORI**


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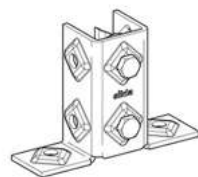
**PIASTRA ANGOLARE EV CC 41-2**


EV CC41-2      -5,0 +10 kN      117456      10 PZ

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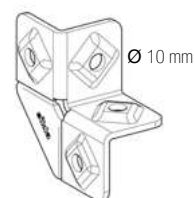
**PIASTRA ANGOLARE EV CC 41-5**


EV CC41-5      5,0 kN in coppia      117465      10 PZ



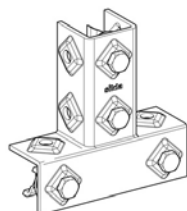
EV CC41-2 W      -5,0 +10 kN      117458      10 PZ

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**PIASTRA ANGOLARE EW 41-1**


EW 41-1      5,0 kN in coppia - Ø10mm      117336      25 PZ

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**PIASTRA ANGOLARE EV CC 41-3**


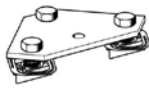
EV CC41-3      -5,0 +10 kN      117460      10 PZ

**PROFILATI 41 E ACCESSORI**

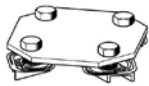
**CC PIASTRA PIANA**



K1 181190 20 PZ



K2 181199 10 PZ



K3 181208 10 PZ

**SOSTEGNO LATERALE MOS CC**

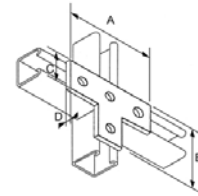


MV 41 143794 10 PZ



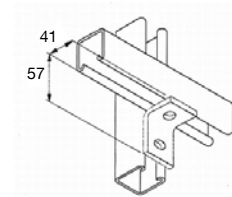
MH 41 143800 10 PZ

**PIASTRE PIANE K**

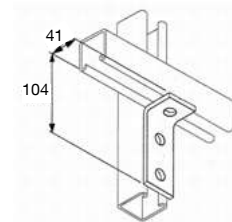


K14e a "T" elettr. 138071E 25 PZ

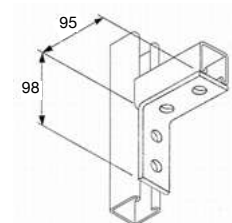
**PIASTRE ANGOLARI K**



K7e 90° 2 fori elettr. 126783E 50 PZ

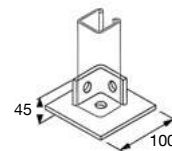


K8e elettr. 90° 3 fori 126784E 50 PZ

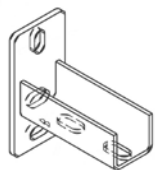


K9e 90° 4 FORI 89X104X5 126787E 50 PZ

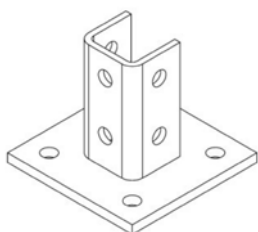
**PIASTRA DI BASE K**



K10e di base elettr. 126789E 10 PZ

**PROFILATI 41 E ACCESSORI**
**PIASTRA DI BASE K12S**


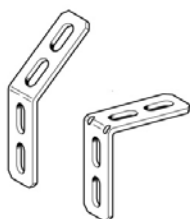
K12 S	di base	elettr.	126795	10 PZ
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**PIASTRA DI BASE K12Q**


K12Q			126797E	10 PZ
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**PIASTRA ISOLATA SHB SQF**

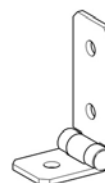

41-350	350x350		218875	1 PZ
41-500	500x500		218881	1 PZ
41 D-350	350x350		218876	1 PZ
41 D-500	500x500		218882	1 PZ

**ANGOLARI MW**


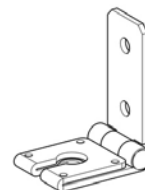
95/95/90°		114936	25 PZ
90/90/45°		106759	25 PZ

**ANGOLARI MW LL**

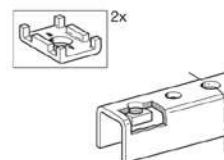

95/55/90° LL		172388	25 PZ
95/95/90° LL		172397	25 PZ

**ANGOLARE VARIABILE JOI S**


JOI S	per M10	116577	50 PZ
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**ANGOLARE JOI R**


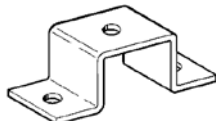
JOI R-20	per M10	116576	50 PZ
JOI R-23	per M12	116809	50 PZ

**GIUNTO DI COLLEGAMENTO SK  
per accoppiamento profilati**


SK 41/21		177599	10 PZ
SK 41/41		155115	10 PZ
SK 41/62		155124	10 PZ
SK 41-75/75		177626	10 PZ

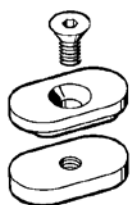
**PROFILATI 41 E ACCESSORI**

**SOSTEGNO SH PER PROFILATI**



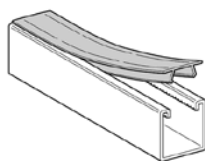
SH 41/21	177338	50 PZ
SH 41/41	177365	50 PZ
SH 41/62	177356	25 PZ
SH 41-75/75	177662	25 PZ
SH 41/41 D	177374	10 PZ
SH 41/62 D	163000	10 PZ
SH 41-75/75 D	177680	10 PZ

**MORSETTO DI ACCOPPIAMENTO PER PROFILATI**



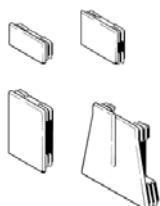
KL 1	118055	50 PZ
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**GUAINA DI COPERTURA 41**



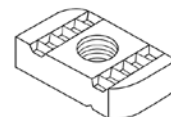
MSA 41	2 m	180623	2 MT
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**TAPPO TERMINALE**



41/21	101037	100 PZ
41/41	177689	100 PZ
41/62	153201	50 PZ
41-75/75	177716	50 PZ

**DADO A MARTELLO HZ0**



M 6	151910	100 PZ
M 8	151915	100 PZ
M10	151938	100 PZ
M12	151600	100 PZ
M16	151602	100 PZ

**DADO A MARTELLO HZ 41**



HZ1 M 8	151935	50 PZ
HZ1 M10	151944	50 PZ
HZ2 M12	182288	50 PZ
HZ2 M16	182297	50 PZ

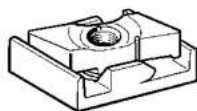
**DADO A MARTELLO CON MOLLA PIATTA CC 41**



CC41 M 6	180200	50 PZ
CC41 M 8	180209	50 PZ
CC41 M10	180218	50 PZ
CC41 M12	182252	50 PZ
CC41 M16	182261	50 PZ

**PROFILATI 41 E ACCESSORI**
**BLOCCO A PRESSIONE PBH 41**


PBH41 M 8	198988	50 PZ
PBH41 M10	198995	50 PZ
PBH41 M12	199008	50 PZ

**BLOCCO A PRESSIONE PB 41**


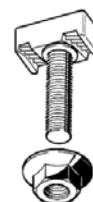
PB M10	160399	50 PZ
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**VITE A MARTELLO HZ0**


HZ0 M 8 × 40 mm	152266	100 PZ
HZ0 M 8 × 60 mm	152267	100 PZ
HZ0 M10 × 40 mm	152268	100 PZ
HZ0 M10 × 60 mm	152269	100 PZ

**PROFILATI 41 E ACCESSORI**
**VITE A MARTELLO TBO HZ 41**

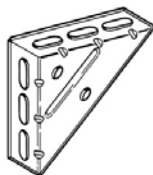

HZ41 M 8 × 15 mm	151953	50 PZ
HZ41 M 8 × 20 mm	151962	50 PZ
HZ41 M 8 × 25 mm	151971	50 PZ
HZ41 M 8 × 35 mm	151980	50 PZ
HZ41 M 8 × 55 mm	151999	50 PZ
HZ41 M 8 × 75 mm	152006	50 PZ
HZ41 M 8 × 95 mm	152015	50 PZ
HZ41 M10 × 15 mm	152024	50 PZ
HZ41 M10 × 20 mm	152033	50 PZ
HZ41 M10 × 25 mm	152042	50 PZ
HZ41 M10 × 35 mm	152051	50 PZ
HZ41 M10 × 55 mm	152060	50 PZ
HZ41 M10 × 75 mm	152079	50 PZ
HZ41 M10 × 95 mm	152088	50 PZ
HZ41 M12 × 20 mm	152167	50 PZ
HZ41 M12 × 25 mm	152176	50 PZ
HZ41 M12 × 35 mm	152185	50 PZ
HZ41 M12 × 55 mm	152194	50 PZ
HZ41 M12 × 75 mm	152200	50 PZ
HZ41 M12 × 95 mm	152219	50 PZ



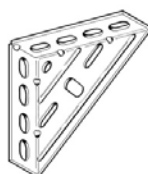
HZ41 M16 × 25 mm	152228	50 PZ
HZ41 M16 × 35 mm	152237	50 PZ
HZ41 M16 × 55 mm	152246	50 PZ
HZ41 M16 × 75 mm	152255	50 PZ
HZ41 M16 × 95 mm	152264	50 PZ

**MENSOLE**

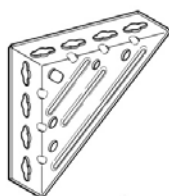
**MENSOLA A SQUADRA WK**



100/100/30 mm	145626	25 PZ
100/100/40 mm	163921	25 PZ



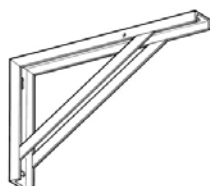
150/150/40 mm	155513	25 PZ
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200/200/60 mm	118170	10 PZ
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300/200 mm	118046	1 PZ
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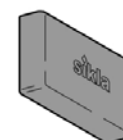
550/350 mm	145635	1 PZ
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**ELEMENTO DISTANZIATORE**

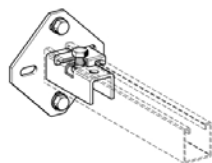


50/40	114848	25 PZ
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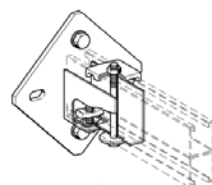
**TAPPO TERMINALE 330/550**



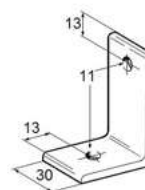
50/25	per mensola a squadra	101055	50 PZ
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**MENSOLE**
**PIASTRA WBD**


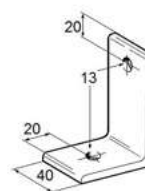
WBD 41/21	177725	10 PZ
WBD 41/41	155054	10 PZ
WBD 41/62	155063	5 PZ
WBD 41-75/75	177752	5 PZ



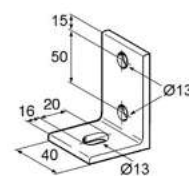
WBD 41/21 D	146469	5 PZ
WBD 41/41 D	106768	5 PZ
WBD 41/62 D	155090	5 PZ
WBD 41-75/75 D	177779	5 PZ

**SOSTEGNO ANGOLARE MW S**


S 45/30	3,5 kN	115380	50 PZ
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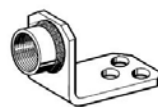
S 60/40	7,5 kN	115399	25 PZ
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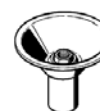
S 90/60	7,5 kN	114820	25 PZ
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**SOSTEGNO ANGOLARE ST**


1/2"	45°	143828	25 PZ
3/4"	45°	143837	25 PZ
1"	45°	143846	25 PZ



1/2"	90°	148744	25 PZ
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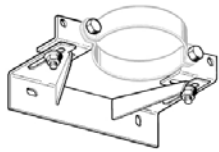
**ELEMENTO DI SOSTEGNO SMD 1**


SMD1 M16	F10	117984	25 PZ
SMD1 1/2"	F10	118125	25 PZ
SMD1 3/4"	F12	118134	25 PZ

**MENSOLE**

**MENSOLA PER TUBI SPIOVENTI SFK**

Compatibile con Stabil A e Stabil D per mensola SFK

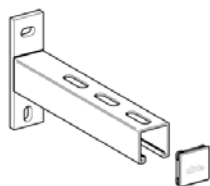


SFK	DN 100-150	105110	5 PZ
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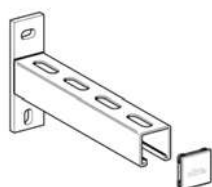
**STABIL D PER MENSOLA SFK**



DN 100	con gomma	147099	25 PZ
DN 125	con gomma	147105	10 PZ
DN 150	con gomma	147114	10 PZ

**MENSOLA A SBALZO AK 41**


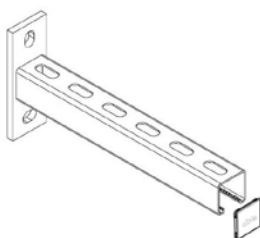
41/41/2,0	L= 200 mm	115609	10 PZ
41/41/2,0	L= 260 mm	153973	10 PZ
41/41/2,0	L= 320 mm	115618	10 PZ
41/41/2,0	L= 445 mm	115627	10 PZ
41/41/2,0	L= 570 mm	115636	10 PZ
41/41/2,0	L= 820 mm	149268	1 PZ
41/41/2,0	L= 1010 mm	149277	1 PZ

**MENSOLA A SBALZO 41**


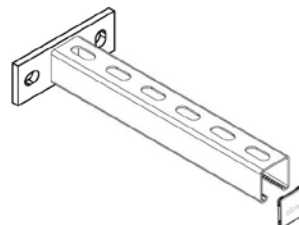
41/41/2,5	L= 300 mm	115674	10 PZ
41/41/2,5	L= 500 mm	115677	10 PZ
41/41/2,5	L= 600 mm	115679	10 PZ
41/41/2,5	L= 800 mm	115680	1 PZ
41/41/2,5	L=1000 mm	115682	1 PZ

**MENSOLA A SBALZO 41 L**

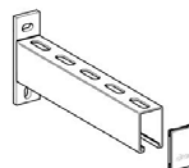
Spessore profilo 2,0 e spessore piastra 6 mm



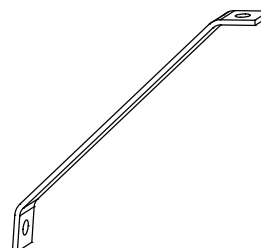
41/21L	L=300 mm	115664L	10 PZ
41/21L	L=500 mm	115667L	10 PZ
41/41L	L=200 mm	115670L	10 PZ
41/41L	L=300 mm	115674L	10 PZ
41/41L	L=500 mm	115677L	10 PZ

**MENSOLA A SBALZO 41 QL**


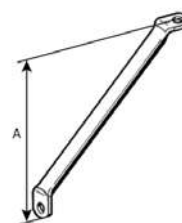
41/41 QL	L = 300 MM	115674QL	10 PZ
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**MENSOLA A SBALZO 62**


41/62	L= 300 mm	115510	10 PZ
41/62	L= 500 mm	115512	10 PZ
41/62	L= 600 mm	115513	10 PZ
41/62	L= 800 mm	115515	1 PZ
41/62	L=1000 mm	115517	1 PZ

**ASTA DI BLOCCAGGIO**


300X40	125971	50 PZ
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**ASTA DI BLOCCAGGIO STR HCP**


STR 300/200 A=222 mm	Ø11 mm	HCP	125967	10 PZ
STR 550/350 A=377 mm	Ø11 mm	HCP	125994	10 PZ
STR 725/400 A=420 mm	Ø11 mm	HCP	151908	10 PZ
STR 880/550 A=570 mm	Ø11 mm	HCP	151892	10 PZ

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PIASTRA DI BASE ROTONDA



M10		107497	50 PZ
1/2"		107499	50 PZ

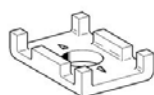
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PIASTRA DI BASE GPL



M 8	normale	107501	50 PZ
M10	normale	138361	50 PZ
R 1/2"	normale	138501	50 PZ
M10	stabil	138343	50 PZ
M12	stabil	107556	50 PZ
M16	stabil	138352	50 PZ
R 1/2"	stabil	138529	50 PZ
R 3/4"	stabil	138538	50 PZ
R 1"	stabil	107592	50 PZ

GRIFFA DI BLOCCAGGIO HK 41



B 41/10		178247	50 PZ
B 41/12		178256	50 PZ
B 41/16		178265	50 PZ

**ANCORANTI E MINUTERIA**

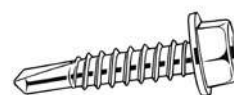
**ANCORANTE AN BZ PLUS ETA1**  
Antisismico categoria C1/C2,  
per calcestruzzo fessurato e non



M 8/10/21/ 75 mm	114135	100 PZ
M 8/30/41/ 95 mm	114136	100 PZ
M10/10/30/ 90 mm	114140	50 PZ
M10/30/50/110 mm	114142	50 PZ
M10/50/70/130 mm	114143	50 PZ
M12/15/35/110 mm	114147	25 PZ
M12/30/50/125 mm	114148	25 PZ
M12/50/70/145 mm	114149	25 PZ
M16/25/45/145 mm	114155	20 PZ
M16/50/70/170 mm	114156	20 PZ

**VITI AUTOFILETTANTI E AUTOFORANTI**

VITE AUTOFILETTE C/FR 4,2 X 19 ZINCATA	A51642	2000 PZ
VITE AUTOFILETTE C/FR 4,2 X 25 ZINCATA	A51644	2000 PZ



4,2 × 19 mm	413158	1000 PZ
4,2 × 25 mm	413159	1000 PZ

**ANCORANTE B ETA7**  
per calcestruzzo non fessurato



M 8/10/ 75 mm	500244	100 PZ
M 8/20/ 85 mm	500246	100 PZ
M10/10/ 63 mm	501603	50 PZ
M10/10 /85 mm	500252	50 PZ
M10/20/ 95 mm	500254	50 PZ
M10/30/105 mm	500255	50 PZ
M10/45/120 mm	500256	50 PZ
M12/13/ 95 mm	500261	25 PZ
M12/15/110 mm	500263	25 PZ
M12/50/145 mm	500266	25 PZ

**ANCORANTE A VITE TSM-IM**  
Antisismico categoria C1/C2,  
per calcestruzzo fessurato e non



6 × 35 mm	M8/M10	alveolari	115028	50 PZ
6 × 55 mm	M8/M10		115721	50 PZ

**ANCORANTE AN N**  
per calcestruzzo fessurato e non



6 × 35 mm	M8/M10		112152	100 PZ
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**ANCORANTI E MINUTERIA**

**ANCORANTE A VITE PER CLS  
TSM-LP**  
antisismico categoria C1



6 x 40 mm      T30      solo alveolari    115026      100 PZ



6 x 60 mm      T30      115722      100 PZ

**ANCORANTE A VITE TSM-S**  
antisismico categoria C1 da 6 a 10 e  
C2 da 8 a 10



6x40 mm	SW13	per Ø8mm	115737	100 PZ
6x50 mm	SW13	per Ø8mm	115720	100 PZ
8x60 mm	SW13	per Ø12mm	115732	50 PZ
8x 70 mm	SW13	per Ø12mm	115734	50 PZ
8x 80 mm	SW13	per Ø12mm	115735	50 PZ
10 x 70 mm	SW15	per Ø14mm	115741	50 PZ
10x 90 mm	SW15	per Ø14mm	115744	50 PZ
10x100 mm	SW15	per Ø14mm	115745	50 PZ

**ANCORANTE AA-TE**



M 4 x 75 mm      F501469      50 PZ



AA-TE M 6	Ø10	112853	50 PZ
AA-TE M 8	Ø12	112856	50 PZ
AA-TE M10	Ø15	112860	25 PZ
AA-TE M12	Ø18	112864	20 PZ

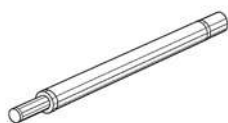
**TASSELLO TO IN OTTONE**



TO M 6	112665	200 PZ
TO M 8	112670	100 PZ
TO M10	112675	100 PZ
TO M12	112680	100 PZ

**ANCORANTI E MINUTERIA**
**ANCORANTE A CONO INTERNO AN ES**  
 per calcestruzzo fessurato e non


AN ES M 8×30	110467	100 PZ
AN ES M10×30	110506	50 PZ
AN ES M10×40	110469	50 PZ
AN ES M12×50	110470	50 PZ
AN ES M16×65	110471	25 PZ

**PERNO DI ESPANSIONE PER AN ES**


per M 8×30	132790	1 PZ
per M10×30	110567	1 PZ
per M10×40	132806	1 PZ
per M12×50	132815	1 PZ
per M16×65	116992	1 PZ

**FISSAGGIO CHIMICO EPOSSIDICO**  
 antisismico categoria C1/C2

 585 mL 190810 12 PZ
**FISSAGGIO CHIMICO VINILESTRE**  
 antisismico categoria C1

 300 mL 190812 12 PZ

 BECCUCCIO PER ANCORANTE CHIMICO 190812BEC 12 PZ
**ANCORANTE VMZ-A**  
 per ancorante chimico

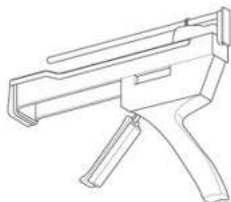

M10-10/85	190739	10 PZ
M12-25/125	190775	10 PZ
M16-30/180	190793	10 PZ

**BUSSOLA RETINATA**  
 in plastica


12×80	per M 8	112930	100 PZ
15×85	per M10	112931	100 PZ
20×85	per M12	112932	50 PZ

**ANCORANTI E MINUTERIA**

**PISTOLA PER CHIMICO**  
per pulizia fori



300 mL	190851	1 PZ
585 mL	190853	1 PZ

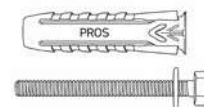


univ.	190860	1 PZ
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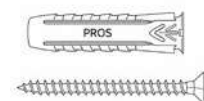


per fori Ø10-12	190870	10 PZ
per fori Ø14-18	190871	10 PZ
per fori Ø20-28	190872	5 PZ

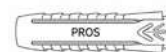
**TASSELLO IN PLASTICA**  
per fissaggio su CLS, mattone pieno o forato,  
cartongesso



10×50	Vite M 6×60	500380	25 PZ
12×60	Vite M 8×70	500382	25 PZ
14×70	Vite M10×80	500384	20 PZ



6×30	Vite 4,5×40	500385	100 PZ
8×40	Vite 5×50	500386	50 PZ
10×50	Vite 6×60	500388	25 PZ



6×30		500390	100 PZ
8×40	per filetto M6	500392	100 PZ
10×50	per filetto M8	500394	50 PZ
12×60	per filetto M10	500396	25 PZ
14×70	per filetto M12	500398	20 PZ

**ANCORANTI E MINUTERIA**
**BANDELLA IN TESSUTO**


15x0,8 mm      10 m      in tessuto      A4055      1 PZ

**CHIODO PER BANDELLA**


4x18 mm      Conf. 200 pz      A4053      1 CF

**PERCUSSORE**


-      A4052      1 PZ

**ORGANO ACCOPPIAMENTO ESAGONALE F/F**

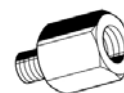

M 8	L= 25 mm	124920	100 PZ
M10	L= 30 mm	124939	100 PZ
M12	L= 35 mm	124948	50 PZ
M16	L= 40 mm	124957	50 PZ

**ORGANO ACCOPPIAMENTO CILINDRICO F/F**


M 8	L= 30 mm	157232	100 PZ
M10	L= 30 mm	157250	100 PZ
M12	L= 35 mm	157278	50 PZ



M16	L= 45 mm	157296	50 PZ
M16	L=100 mm	191108	20 PZ
M16	L=150 mm	191117	20 PZ

**ADATTATORE F/M**


F 8/M10	L=30 mm	113670	50 PZ
F10/M 8	L=28 mm	113689	50 PZ
F10/M16	L=32 mm	113698	50 PZ
F16/M10	L=36 mm	113704	50 PZ

**ANCORANTI E MINUTERIA**

**ADATTATORE F/F**



F16/F10	L=35 mm	106740	50 PZ
F16/F12	L=35 mm	124665	50 PZ
F16/F16	L=30 mm	106290	50 PZ
3/8"/F16	L=40 mm	146335	25 PZ
1/2"/F10	L=35 mm	146371	10 PZ
1/2"/F12	L=35 mm	156639	10 PZ
1/2"/F16	L=40 mm	124656	25 PZ
1/2"/1/2"	L=35 mm	146380	10 PZ
3/4"/F10	L=35 mm	105651	10 PZ
3/4"/F12	L=35 mm	105749	10 PZ
3/4"/F16	L=35 mm	105660	10 PZ
3/4"/1/2"	L=35 mm	146399	10 PZ



1"/F10	L=40 mm	105679	10 PZ
1"/F12	L=40 mm	105758	10 PZ
1"/F16	L=40 mm	105688	10 PZ
1"/1/2"	L=40 mm	146405	10 PZ

**ADATTATORE M/F**



M16/F10	L= 13 mm	124230	25 PZ
M16/F12	L= 13 mm	124267	25 PZ
1/2"/F10	L= 13 mm	124279	25 PZ

**PROLUNGA**



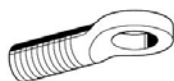
1/2"	L=30 mm	105387	10 PZ
1/2"	L=50 mm	105396	10 PZ

**ANCORANTI E MINUTERIA**
**ATTACCO AD OCCHIELLO MASCHIO SCR**


M 8×20	102436	100 PZ
M 8×40	102445	100 PZ
M10×20	102454	100 PZ
M10×40	102463	50 PZ
M12×40	102764	50 PZ
M16×25	101824	25 PZ

**ATTACCO AD OCCHIELLO FEMMINA SCB**


M 8	124221	100 PZ
M10	124203	100 PZ
M12	150916	100 PZ

**VITE A TESTA PIATTA ROTONDA SCR**


M 8×20	102418	100 PZ
M10×20	102427	100 PZ

**DADO ESAGONALE DIN 934**


M 6	125347	100 PZ
M 8	125356	100 PZ
M10	137546	100 PZ
M12	114228	100 PZ
M16	114237	100 PZ
M20	114239	100 PZ
M24	114241	100 PZ

**DADO FLANGIATO DIN 6923**


M 8	$\varnothing_e = 17,9$	158729	50 PZ
M10	$\varnothing_e = 21,8$	158738	25 PZ
M12	$\varnothing_e = 26,0$	158747	25 PZ
M16	$\varnothing_e = 34,5$	160654	10 PZ

**CONTRODADO DIN 2950**


1/2"	157092	25 PZ
3/4"	157108	25 PZ
1"	157117	25 PZ

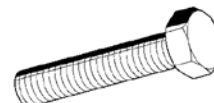
## ANCORANTI E MINUTERIA

### RONDELLA PIANA



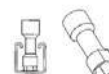
6/28/3,0		125313	100 PZ
8/17/2,0	DIN 125	125329	100 PZ
8/25/2,0	DIN 9021	137883	100 PZ
8/40/3,0		105581	100 PZ
8/45/4,0		105624	100 PZ
10/21/2,5	DIN 125	137564	100 PZ
10/30/2,5	DIN 9021	125365	100 PZ
10/40/3,0		105590	100 PZ
10/45/4,0		105633	100 PZ
12/24/3,0	DIN 125	114246	100 PZ
12/30/2,5		156462	100 PZ
12/36/3,0		156465	100 PZ
12/40/3,0		105606	100 PZ
12/44/4,0		125374	100 PZ
16/30/3,0	DIN 125	114255	100 PZ
16/40/3,0		105615	100 PZ
20/34/3,0	DIN 125	114260	100 PZ
24/44/4,0	DIN 125	114265	100 PZ

### VITE A TESTA ESAGONALE 8.8 DIN 933

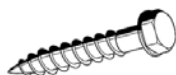


M 6× 30 mm	A50466	100 PZ
M 8× 20 mm	138459	100 PZ
M 8× 25 mm	138431	100 PZ
M 8× 30 mm	138574	100 PZ
M 8× 40 mm	138440	100 PZ
M 8× 60 mm	114705	100 PZ
M 8× 80 mm	114714	100 PZ
M 8×100 mm	138608	100 PZ
M 8×110 mm	124975	100 PZ
M10× 20 mm	138617	100 PZ
M10× 25 mm	138468	100 PZ
M10× 30 mm	138626	100 PZ
M10× 40 mm	114158	100 PZ
M10× 60 mm	138635	100 PZ
M10× 80 mm	114723	50 PZ
M10×100 mm	114732	50 PZ
M10×120 mm	138644	50 PZ
M12× 20 mm	138653	100 PZ
M12× 25 mm	138662	100 PZ
M12× 30 mm	138477	100 PZ
M12× 40 mm	138671	50 PZ
M12× 60 mm	138680	50 PZ
M12× 80 mm	138705	50 PZ
M12×100 mm	138714	50 PZ
M12×120 mm	114750	50 PZ
M16× 25 mm	138723	50 PZ
M16× 30 mm	138732	50 PZ
M16× 45 mm	138741	50 PZ
M16× 60 mm	138556	50 PZ
M16× 80 mm	138750	25 PZ
M16×100 mm	138769	25 PZ
M16×120 mm	114778	25 PZ
M20× 80 mm	114779	25 PZ

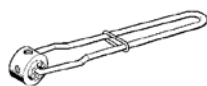
### CHIAVE PER BULLONI M10



per profili 41/21	M10	104121	1 PZ
per profili 41/41	M10	104141	1 PZ
per profili 41/62	M10	106241	1 PZ
per profili 41/41	M12	104142	1 PZ

**ANCORANTI E MINUTERIA**
**VITE PER LEGNO**


8x80 mm	156611	100 PZ
10x70 mm	156620	100 PZ
10x100 mm	153663	100 PZ

**CHIAVE DI MONTAGGIO**


per aste M6-M12	132772	1 PZ
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**ASTA FILETTATA**


M 8x 50 mm	124434	100 PZ
M 8x 80 mm	124443	100 PZ
M 8x100 mm	124610	100 PZ
M 8x120 mm	124595	100 PZ
M 8x140 mm	124629	50 PZ
M 8x160 mm	124601	50 PZ
M10x 60 mm	153469	100 PZ
M10x 80 mm	124452	100 PZ
M10x100 mm	129554	100 PZ
M10x120 mm	124461	50 PZ

**TUBO FILETTATO DIN EN ISO 228**


1/2"	2 m	151102	2 MT
3/4"	2 m	151111	2 MT
1"	2 m	151120	2 MT

**BARRA FILETTATA CL 4.8  
con esagono di manovra esterno**


M 6	1 m	179264	100 MT
M 8	1 m	124559	25 MT
M 8	2 m	142696	50 MT
M 8	3 m	142739	30 MT
M10	1 m	124568	25 MT
M10	2 m	142702	50 MT
M10	3 m	142748	30 MT
M12	1 m	143192	25 MT
M12	2 m	142711	20 MT
M12	3 m	142757	30 MT
M16	1 m	110817	10 MT
M16	2 m	142720	20 MT
M16	3 m	142766	15 MT
M20	1 m	110823	10 MT
M24	1 m	110827	10 MT

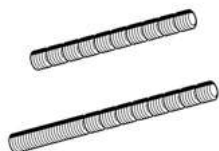
## ANCORANTI E MINUTERIA

### TRONCHETTO DI BARRA FILETTATA



M 8× 25 mm	124513	100 PZ
M 8× 40 mm	126913	100 PZ
M 8× 70 mm	126922	100 PZ
M 8×100 mm	111580	100 PZ
M 8×120 mm	111583	100 PZ
M 8×150 mm	111599	50 PZ
M10× 25 mm	126940	100 PZ
M10× 40 mm	126959	100 PZ
M10× 70 mm	126968	100 PZ
M10× 80 mm	126969	100 PZ
M10×100 mm	111623	100 PZ
M10×150 mm	111632	50 PZ
M12×100 mm	111429	50 PZ
M12×150 mm	111438	50 PZ
M16×100 mm	111465	50 PZ
M16×150 mm	111474	50 PZ
M16×200 mm	111483	25 PZ

### BARRA FILETTATA CON INVITO AL TAGLIO

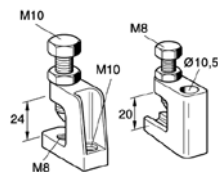


PNS M 8 × 1000	157755	1 PZ
PNS M10 × 1000	157773	1 PZ

### TRONCHESE PBC

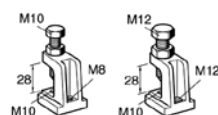


PBC	155683	1 PZ
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**MORSETTI E ANCORAGGI**
**MORSETTO TCS**


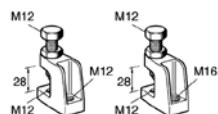
TCS 0

TCS 0 LC Ø10,5	3,5 kN	156648	50 PZ
TCS 0 M8/M 8	3,5 kN	178283	50 PZ
TCS 0 M10/M8	3,5 kN	174206	50 PZ



TCS 1

TCS I M10/M 8	5,0 kN	116770	50 PZ
TCS I M10/M10	5,0 kN	116150	50 PZ
TCS I M10/M12	5,0 kN	167332	50 PZ



TCS 2

TCS II M12/M12	8,5 kN	174224	25 PZ
TCS II M12/M16	8,5 kN	174215	25 PZ

**MORSETTO TCS F**


TCS F Ø 10,5	3,5 kN	0-30 mm	116488	50 PZ
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**PIASTRINA DI SICUREZZA VDS**

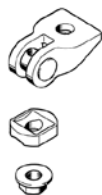

Tipo I	M10	116798	50 PZ
Tipo II	M12	116804	50 PZ
Tipo III	M16	116813	50 PZ

**MORSETTO TCS 41**


TCS 41	4,0 kN	110004	50 PZ
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**MORSETTI E ANCORAGGI**

**ANGOLARE UNIVERSALE UG  
antisismico**



UG M 8	5,8 kN	198636	50 PZ
UG M10	8,0 kN	198643	50 PZ
UG M12	13,0 kN	158075	25 PZ
UG M16	13,0 kN	158084	25 PZ



UG FP M12	13,0 kN	158093	25 PZ
UG FP M16	13,0 kN	158109	25 PZ

**ANGOLARE UNIVERSALE SG  
per fissaggio su collare/barra filettata**



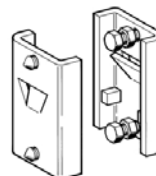
SG M10 - 11	5/15 kN	115044	25 PZ
SG M10 - 13	6/15 kN	115045	25 PZ
SG M10 - 17	7/15 kN	115046	25 PZ

**PIASTRA DI ANCORAGGIO P**



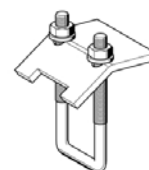
P1 Ø 11 mm	b= 1-23 mm	116196	50 PZ
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**PIASTRA DI ANCORAGGIO SKL**



SKL	145671	5 CP
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**PIASTRA DI ANCORAGGIO PER PROFILI 41**



41 - M 8	h= 20-62 mm	192566	20 PZ
41 - M10	h= 20-62 mm	183620	20 PZ
41D - M10	h= 80-124 mm	191657	20 PZ

**GANCIO FILETTATO GH**



GH M 8 × 75	101587	100 PZ
GH M 8 × 115	101596	100 PZ
GH M10 × 150	101602	50 PZ

**GANCIO DI FISSAGGIO SP**



SP	M8-M12	106777	50 PZ
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**MORSETTI E ANCORAGGI**
**ANCORAGGI TRAPEZOIDALI**


M 8	0,8 kN		125693	100 PZ
M10	0,8 kN	FM	125806	100 PZ



RM 8	0,8 kN	VdS	125675	100 PZ
RM10	0,8 kN	VdS	125684	100 PZ

**PINZA FUSTELLATRICE**


LOT3		171296	1 PZ
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**FUSTELLI**


fustelli		159252	1 PZ
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**ANCORA KD**


M 8 × 100 mm	Ø foro 22 mm	VdS	113810	100 PZ
M 8 × 200 mm	Ø foro 22 mm	VdS	125569	50 PZ
M10 × 100 mm	Ø foro 25 mm	FM	126065	100 PZ
M10 × 200 mm	Ø foro 25 mm	FM	125578	50 PZ

**SEGA A TAZZA**


LS 22	per M 8	133144	1 PZ
LS 25	per M10	133135	1 PZ



punta	ZB	133117	1 PZ
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**MORSETTI E ANCORAGGI****FUNE ACCIAIO ZINCATO**

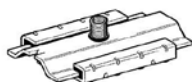
Ø 3 mm	100 mt	178270	1 PZ
Ø 4 mm	100 mt	178271	1 PZ
Ø 5 mm	100 mt	178272	1 PZ
Ø 6 mm	100 mt	178273	1 PZ
Ø 8 mm	100 mt	178274	1 PZ

**MORSETTI ZINCATI**

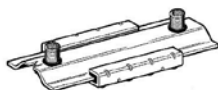
Ø 3-4 mm		178275	100 PZ
Ø 5 mm		178276	100 PZ
Ø 6 mm		178277	100 PZ
Ø 8 mm		178278	100 PZ

**SLITTE DI SCORRIMENTO**
**SLITTA H3G**

scorrimento H3G 100 mm H3G2 135 mm



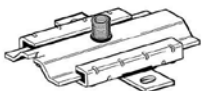
H3G	1/2"/M16/M12	149295	10 PZ
H3G Ultra glide	1/2"/M16/M12	110586	10 PZ



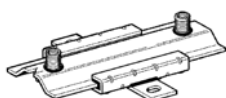
H3G2	1/2"/M16/M12	126700	10 PZ
H3G2 Ultra glide	1/2"/M16/M12	110588	10 PZ

**SLITTA H3G PL**

scorrimento H3G 100 mm H3G2 135 mm



H3G-PL	1/2"/M16/M12	149301	10 PZ
H3G-PL Ultra glide	1/2"/M16/M12	110587	10 PZ



H3G2-PL	1/2"/M16/M12	126658	10 PZ
H3G2-PL Ultra glide	1/2"/M16/M12	110589	10 PZ

**SLITTA 2G**

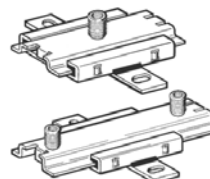
scorrimento 2G 85 mm 2G2 140 mm



2G	M16/M10	126755	25 PZ
2G2	M16/M10	126764	25 PZ
2G Ultra glide	M16/M10	110582	25 PZ
2G2 Ultra glide	M16/M10	110584	25 PZ

**SLITTA 2G PL**

scorrimento 2G 85 mm 2G2 140 mm



2G-PL	M16/M10	127127	25 PZ
2G2-PL	M16/M10	127136	25 PZ
2G-PL Ultra glide	M16/M10	110583	25 PZ
2G2-PL Ultra glide	M16/M10	110585	25 PZ

**SLITTA S1-41**

scorre all'interno di profilati base 41, per costruire slitte di scorrimento a doppia direzione

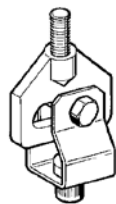


S1-41	M10	190658	10 PZ
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## SLITTE DI SCORRIMENTO

### SNODO SCORREVOLE J

scorrimento 25 mm deviazione laterale 10°



J 8	3,5 kN	126852	25 PZ
J 10	3,5 kN	126861	25 PZ
J 12	6,0 kN	126870	25 PZ
J 16	6,0 kN	126889	25 PZ

### SNODO SCORREVOLE LC

scorrimento 25 mm deviazione laterale 2°

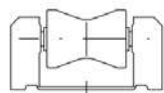


LC-A	1,0 kN	151069	100 PZ
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LC-IF	1,0 kN	151078	100 PZ
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## RULLO CILINDRICO PS



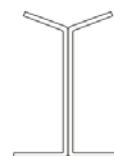
PS 1	50 - 100 mm	127239	1 PZ
PS 2	100 - 180 mm	127245	1 PZ
PS 3	150 - 250 mm	127251	1 PZ

## RULLO CILINDRICO PN



PN 1	10 - 80 mm	127284	1 PZ
PN 2	80 - 180 mm	127290	1 PZ

## SELLA Y PER RULLI



SY1	0 - 80 mm	127328	1 PZ
SY2	80 - 180 mm	127334	1 PZ

## SNODO E REG. D'ALTEZZA P

regolazione 25 mm deviazione angolare 7°



HRS P M 8	0 - 25 mm	151519	25 PZ
HRS P M10	0 - 25 mm	151528	25 PZ

## REGOLATORE D'ALTEZZA 0

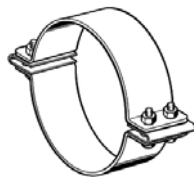


HRS 0	0 - 30 mm	125958	50 PZ
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**PUNTI FISSI**

**COLLARE PER PUNTO FISSO FS**

da completare con Kit di fissaggio VP e tubo/barra filettata



21,3 mm	1/2"	159979	1 PZ
26,9 mm	3/4"	159988	1 PZ
33,7 mm	1"	159997	1 PZ
42,4 mm	1 1/4"	160007	1 PZ
45,0 mm		160016	1 PZ
48,3 mm	1 1/2"	160025	1 PZ
57,0 mm		160034	1 PZ
60,3 mm	2"	160043	1 PZ
76,1 mm	2 1/2"	160052	1 PZ
88,9 mm	3"	160061	1 PZ
108 mm		160070	1 PZ
114 mm	4"	160089	1 PZ
133 mm		160098	1 PZ
139 mm	5"	160104	1 PZ
159 mm		160113	1 PZ
168 mm	6"	160122	1 PZ
219 mm	8"	160131	1 PZ
274 mm	10"	160140	1 PZ
324 mm	12"	160159	1 PZ
356 mm	14"	160168	1 PZ
368 mm		160177	1 PZ
407 mm	16"	160186	1 PZ
419 mm		160195	1 PZ
508 mm	20"	160201	1 PZ
521 mm		160210	1 PZ

**KIT DI FISSAGGIO VP A/B**



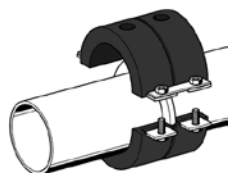
A/B M12	160663	1 PZ
A/B M16	160672	1 PZ
A/B 1/2"	160681	1 PZ
A/B 3/4"	160690	1 PZ
A/B 1"	160706	1 PZ

**KIT DI FISSAGGIO VP SDE2**



SDE2A/B M16	178166	1 PZ
SDE2A/B 1/2"	178175	1 PZ
SDE2A/B 3/4"	178184	1 PZ
SDE2A/B 1"	178193	1 PZ

**PUNTO FISSO AD ALTA COIBENTAZIONE FKS**



76,1 mm	2 1/2"	190271	1 PZ
88,9 mm	3"	190289	1 PZ
108 mm		190298	1 PZ
114 mm	4"	190307	1 PZ
133 mm		190316	1 PZ
139 mm	5"	190325	1 PZ
168 mm	6"	190343	1 PZ
219 mm	8"	190352	1 PZ
274 mm	10"	190379	1 PZ
324 mm	12"	190388	1 PZ

**COMPENSATORI**

**COMPENSATORE ASSIALE A SALDARE PN16**



33,7 mm	1"	MH225	1 PZ
42,4 mm	1"¼	MH232	1 PZ
48,3 mm	1"½	MH240	1 PZ
60,3 mm	2"	MH250	1 PZ
76,1 mm	2"½	MH265	1 PZ
88,9 mm	3"	MH280	1 PZ
114,3 mm	4"	MA100	1 PZ
139,7 mm	5"	MA125	1 PZ
168,3 mm	6"	MA150	1 PZ
219,1 mm	8"	MA200	1 PZ

**COMPENSATORE ASSIALE FLANGIATO PN16**



48,3 mm	1"½	FAS040	1 PZ
60,3 mm	2"	FAS050	1 PZ
76,1 mm	2"½	FAS065	1 PZ
88,9 mm	3"	FAS080	1 PZ
114,3 mm	4"	FAS100	1 PZ
139,7 mm	5"	FAS125	1 PZ
168,3 mm	6"	FAS150	1 PZ
219,1 mm	8"	FAS200	1 PZ
273,0 mm	10"	FAS250	1 PZ

**COMPENSATORE ASSIALE SCANALATO PN16**



48,3 mm	1"½	MHS240	1 PZ
60,3 mm	2"	MHS250	1 PZ
76,1 mm	2"½	MHS265	1 PZ
88,9 mm	3"	MHS280	1 PZ
114,3 mm	4"	MAS2100	1 PZ
139,7 mm	5"	MAS2125	1 PZ
168,3 mm	6"	MAS2150	1 PZ
219,1 mm	8"	MAS2200	1 PZ

**GIUNTO ANTISISMICO "V"**



60,3 mm	2"	FM	MVS050	1 PZ
76,1 mm	2"½	FM	MVS065	1 PZ
88,9 mm	3"	FM	MVS080	1 PZ
114,3 mm	4"	FM	MVS100	1 PZ
139,7 mm	5"	FM	MVS125	1 PZ
168,3 mm	6"	FM	MVS150	1 PZ
219,1 mm	8"	FM	MVS200	1 PZ

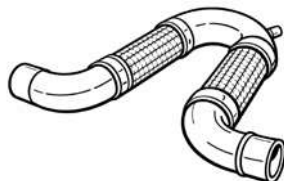
**GIUNTO ANTISISMICO "V" EU**  
disponibile a richiesta flangiato o filettato



60,3 mm	2"		MVSE050	1 PZ
76,1 mm	2"½		MVSE065	1 PZ
88,9 mm	3"		MVSE080	1 PZ
114,3 mm	4"		MVSE100	1 PZ
139,7 mm	5"		MVSE125	1 PZ
168,3 mm	6"		MVSE150	1 PZ
219,1 mm	8"		MVSE200	1 PZ

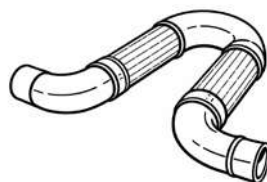
## COMPENSATORI

## GIUNTO ANTISISMICO "U"



48,3 mm	1"½	MUS040	1 PZ
60,3 mm	2"	MUS050	1 PZ
76,1 mm	2"½	MUS065	1 PZ
88,9 mm	3"	MUS080	1 PZ
114,3 mm	4"	MUS100	1 PZ
139,7 mm	5"	MUS125	1 PZ
168,3 mm	6"	MUS150	1 PZ
219,1 mm	8"	MUS200	1 PZ
273,0 mm	10"	MUS250	1 PZ

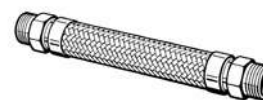
## GIUNTO ANTISISMICO "U" EU



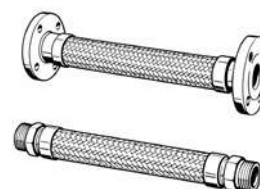
48,3 mm	1"½	MUSE040	1 PZ
60,3 mm	2"	MUSE050	1 PZ
76,1 mm	2"½	MUSE065	1 PZ
88,9 mm	3"	MUSE080	1 PZ
114,3 mm	4"	MUSE100	1 PZ
139,7 mm	5"	MUSE125	1 PZ
168,3 mm	6"	MUSE150	1 PZ
219,1 mm	8"	MUSE200	1 PZ

## TRECCIA ANTISISMICA PN16

tubo inox AISI 321 treccia inox AISI 304 attacchi girevoli filettati



21,3 mm	L=1000 mm	½"	TFAA021100	1 PZ
21,3 mm	L=1500 mm	½"	TFAA021150	1 PZ
21,3 mm	L=2000 mm	½"	TFAA021200	1 PZ
27,9 mm	L=1000 mm	¾"	TFAA027100	1 PZ
27,9 mm	L=1500 mm	¾"	TFAA027150	1 PZ
27,9 mm	L=2000 mm	¾"	TFAA027200	1 PZ
33,7 mm	L=1000 mm	1"	TFAA034100	1 PZ
33,7 mm	L=1500 mm	1"	TFAA034150	1 PZ
33,7 mm	L=2000 mm	1"	TFAA034200	1 PZ
42,4 mm	L=1200 mm	1"¼	TFAA042120	1 PZ
42,4 mm	L=1700 mm	1"¼	TFAA042170	1 PZ
42,4 mm	L=2200 mm	1"¼	TFAA042220	1 PZ
48,3 mm	L=1500 mm	1"½	TFAA048150	1 PZ
48,3 mm	L=2000 mm	1"½	TFAA048200	1 PZ
48,3 mm	L=2500 mm	1"½	TFAA048250	1 PZ
60,3 mm	L=1500 mm	2"	TFAA060150	1 PZ
60,3 mm	L=2000 mm	2"	TFAA060200	1 PZ
60,3 mm	L=2500 mm	2"	TFAA060250	1 PZ
76,1 mm	L=2000 mm	2"½	TFAA076200	1 PZ
76,1 mm	L=2500 mm	2"½	TFAA076250	1 PZ
76,1 mm	L=3000 mm	2"½	TFAA076300	1 PZ



88,9 mm	L=1500 mm	3"	TFFA089150	1 PZ
114,3 mm	L=1500 mm	4"	TFFA114150	1 PZ
139,7 mm	L=1500 mm	5"	TFFA139150	1 PZ
168,3 mm	L=1500 mm	6"	TFFA168150	1 PZ

**ELEMENTI DI INSONORIZZAZIONE**

**ELEMENTO ANTIACUSTICO SDE2**



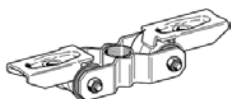
SBV M16	10 kN	161406	10 PZ
SBZ M16	10 kN	161062	10 PZ

**ELEMENTO ANTIACUSTICO SDE2-UG16**



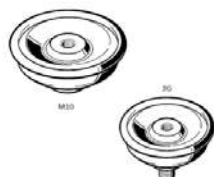
UG M16	10 kN	161053	10 PZ
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**ELEMENTO ANTIACUSTICO SDE2-FP1**



FP 1"	20 kN	161071	10 PZ
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**ELEMENTO ANTIACUSTICO SDE1**



SDE1 F10	2,5-3,0 kN	162735	25 PZ
SDE1 M16/M10/M8	2,5-3,0 kN	136989	25 PZ

**CHIAVE PER ELEMENTI SDE**



Chiave	146609	1 PZ
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**ELEMENTO ANTIACUSTICO SDE0**



SDE 0 M 8	1,0 kN	105068	100 PZ
SDE 0 M10	1,0 kN	105077	100 PZ

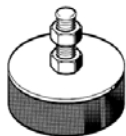
**TAPPO DI INSONORIZZAZIONE**



Tipo 27	0,3 kN	197973	100 PZ
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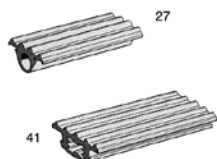
Tipo 41	0,3 kN	107802	100 PZ
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**ELEMENTI DI INSONORIZZAZIONE**
**ELEMENTO ANTIACUSTICO GMT**


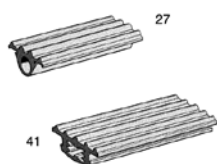
GMT M12	5,0 kN	(4 pz)	117090	1 CF
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AKE M8 x 23mm	0,15-0,7 kN		193983	25 PZ
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**PROFILATO IN GOMMA**


Tipo 27	L= 30 m	195963	30 MT
Tipo 27	L=100 mm	195970	100 PZ

**PROFILATO IN GOMMA**


Tipo 41	L=30 m	101189	30 MT
Tipo 41	L=50 mm	101204	100 PZ

**PROFILATO EPDM L=30 m**  
 (prezzo €/m)


STD1 h=4,5 mm	collare 25x3,0 L=30 m	146502	30 MT
STD2 h=4,0 mm	collare 30x3,0 L=30 m	146511	30 MT
STD3 h=6,0 mm	collare 40x4,0 L=30 m	146520	30 MT
STD4 h=7,0 mm	collare 50x5,0 L=30 m	146539	30 MT
STD5 h=7,0 mm	collare 70x6,0 L=30 m	146548	30 MT

**PROFILATO SILICONE L=30 m**  
 Silicone -60°/+200°C permanente (prezzo €/m)


STD1 h=4,5 mm	collare 25x3,0 L=30 m	145644	30 MT
STD2 h=4,0 mm	collare 30x3,0 L=30 m	145653	30 MT
STD3 h=6,0 mm	collare 40x4,0 L=30 m	145662	30 MT
STD4 h=7,0 mm	collare 50x5,0 L=30 m	145657	30 MT

## ELEMENTI DI INSONORIZZAZIONE

### NASTRO EPDM SK EPDM -40°/+100°C (prezzo €/m)



SK 30x1,0 mm	L=20 m	188075	20 MT
SK 40x1,0 mm	L=20 m	188084	20 MT
SK 50x1,0 mm	L=20 m	188093	20 MT
SK 60x1,0 mm	L=20 m	188102	20 MT
SK 70x1,0 mm	L=20 m	188111	20 MT

### NASTRO IN GOMMASPUGNA MSK T = -40°/ +90°C (prezzo €/m)

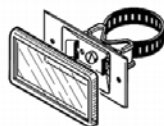


MSK 20x3 mm	L=10 m	137616	10 MT
MSK 20x4 mm	L=10 m	137412	10 MT
MSK 20x6 mm	L=10 m	143590	10 MT
MSK 25x3 mm	L=10 m	137722	10 MT
MSK 30x3 mm	L=10 m	137607	10 MT

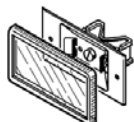
### NASTRO IN FIBRA DI VETRO GSK +1100°C temperatura +500°C (prezzo €/m)



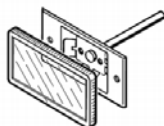
30x2	L=10 m	114865	10 MT
40x2	L=10 m	114866	10 MT
50x2	L=10 m	114867	10 MT
60x2	L=10 m	114868	10 MT
70x2	L=10 m	114869	10 MT

**TARGHETTE ED ETICHETTE**
**TARGHETTA UNIVERSALE CON REGGETTA**


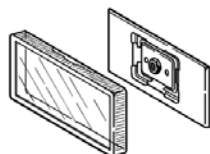
zincata	127552	25 PZ
inox A2	127464	25 PZ

**TARGHETTA UNIVERSALE SENZA REGGETTA**


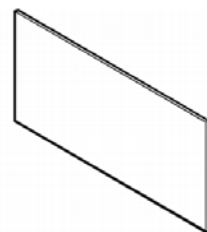
zincata	127163	25 PZ
inox A2	127491	25 PZ

**TARGHETTA A SALDARE**


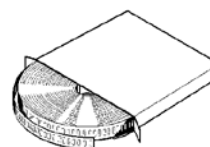
zincata	127561	25 PZ
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**TARGHETTA DA AVVITARE M8**


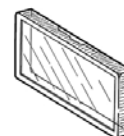
zincata	M8	127570	25 PZ
inox A2	M8	127473	25 PZ

**ETICHETTA BIANCA**


181235 50 PZ

**REGGETTA**


alluminio	rotolo 5 m	127598	12 PZ
inox A2	rotolo 5 m	113005	12 PZ

**COPERCHIO**


127589 25 PZ

**ACCIAIO INOSSIDABILE**

**STABIL D INOX A4**



18 - 22 mm	½"	172433	50 PZ
24 - 28 mm	¾"	172442	50 PZ
30 - 34 mm	1"	172451	50 PZ
35 - 37 mm		172460	50 PZ
40 - 44 mm	1¼"	172469	50 PZ
47 - 51 mm	1½"	172478	50 PZ
54 - 58 mm		172487	50 PZ
59 - 63 mm	2"	172496	50 PZ
67 - 71 mm		173081	50 PZ
74 - 78 mm	2½"	172505	25 PZ
81 - 85 mm		173090	25 PZ
86 - 90 mm	3"	172514	25 PZ
94 - 98 mm		173099	25 PZ
102 - 108 mm		173144	25 PZ
108 - 114 mm	4"	172523	25 PZ
116 - 122 mm		173108	25 PZ
133 - 140 mm	5"	172532	10 PZ
145 - 152 mm		173117	10 PZ
159 - 169 mm	6"	172541	10 PZ
170 - 180 mm		173126	10 PZ
198 - 207 mm		172550	10 PZ
210 - 219 mm	8"	172559	10 PZ
222 - 231 mm		173135	10 PZ
247 - 253 mm		413725	10 PZ
271 - 277 mm	10"	413734	10 PZ
312 - 318 mm		413743	10 PZ
322 - 329 mm	12"	413752	10 PZ

**STABIL D 2G/3G INOX A4**



18 - 22 mm	M16/M10	½"	172568	50 PZ
24 - 28 mm	M16/M10	¾"	172577	50 PZ
30 - 34 mm	M16/M10	1"	172586	50 PZ
35 - 37 mm	M16/M10		172595	50 PZ
40 - 44 mm	M16/M10	1¼"	172604	50 PZ
47 - 51 mm	M16/M10	1½"	172613	50 PZ
54 - 58 mm	M16/M10		172622	50 PZ
59 - 63 mm	M16/M10	2"	172631	50 PZ
67 - 71 mm	M16/M10		172856	50 PZ
74 - 78 mm	M16/M10	2½"	172640	25 PZ

81 - 85 mm	M16/M10		172865	25 PZ
86 - 90 mm	1/2"/M16/M12	3"	172649	25 PZ
94 - 98 mm	1/2"/M16/M12		172874	25 PZ
102 - 108 mm	1/2"/M16/M12		173153	25 PZ
108 - 114 mm	1/2"/M16/M12	4"	172658	25 PZ
116 - 122 mm	1/2"/M16/M12		172883	25 PZ
133 - 140 mm	1/2"/M16/M12	5"	172667	10 PZ
145 - 152 mm	1/2"/M16/M12		172892	10 PZ
159 - 169 mm	1/2"/M16/M12	6"	172676	10 PZ
170 - 180 mm	1/2"/M16/M12		172901	10 PZ
198 - 207 mm	1/2"/M16/M12		172685	10 PZ
210 - 219 mm	1/2"/M16/M12	8"	172694	10 PZ
222 - 231 mm	1/2"/M16/M12		172910	10 PZ

**STABIL D 1G INOX A4**



230 - 236 mm	M16		414724	10 PZ
271 - 277 mm	M16		414688	10 PZ
312 - 318 mm	M16		414697	10 PZ
322 - 329 mm	M16		414706	10 PZ

**STABIL D 2G/3G INOX A4 EPDM**



18 - 20 mm	M16/M10		172703	50 PZ
21 - 24 mm	M16/M10	½"	172712	50 PZ
25 - 29 mm	M16/M10	¾"	172721	50 PZ
31 - 35 mm	M16/M10	1"	172730	50 PZ
38 - 42 mm	M16/M10	1¼"	172739	50 PZ
46 - 50 mm	M16/M10	1½"	172748	50 PZ
51 - 55 mm	M16/M10		172757	50 PZ
58 - 63 mm	M16/M10	2"	172766	50 PZ
74 - 78 mm	M16/M10	2½"	172775	25 PZ
86 - 90 mm	1/2"/M16/M12	3"	172784	25 PZ
100 - 106 mm	1/2"/M16/M12		173162	25 PZ
108 - 114 mm	1/2"/M16/M12	4"	172793	25 PZ
133 - 140 mm	1/2"/M16/M12	5"	172802	10 PZ
158 - 168 mm	1/2"/M16/M12	6"	172811	10 PZ
198 - 207 mm	1/2"/M16/M12		172820	10 PZ
210 - 219 mm	1/2"/M16/M12	8"	172829	10 PZ

**ACCIAIO INOSSIDABILE**
**STABIL D 1G INOX A4 EPDM**

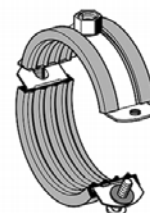

236 - 242 mm	M16	414913	10 PZ
260 - 266 mm	M16	414922	10 PZ
301 - 307 mm	M16	414931	10 PZ
311 - 318 mm	M16	414940	10 PZ

**PRATIK DUO INOX A4**


13 - 18 mm	M 8	¼"-3/8"	170587	100 PZ
19 - 22 mm	M 8	½"	170602	100 PZ
27 - 30 mm	M 8	¾"	170611	100 PZ
32 - 36 mm	M 8	1"	170620	100 PZ
40 - 44 mm	M 8	1¼"	170639	50 PZ
48 - 54 mm	M 8	1½"	170648	50 PZ
60 - 66 mm	M 8	2"	170657	50 PZ
68 - 73 mm	M 8		173342	25 PZ
75 - 80 mm	M10	2½"	170666	25 PZ
84 - 89 mm	M10	3"	170675	25 PZ
102 - 108 mm	M10		173351	25 PZ
110 - 115 mm	M10	4"	170684	25 PZ
129 - 140 mm	M10	5"	110882	25 PZ
159 - 169 mm	M10	6"	110883	25 PZ

**STABIL D 2G/3G INOX A4 SILICONE**


18 - 20 mm	M16/M10		172919	50 PZ
21 - 24 mm	M16/M10	½"	172928	50 PZ
25 - 29 mm	M16/M10	¾"	172937	50 PZ
31 - 35 mm	M16/M10	1"	172946	50 PZ
38 - 42 mm	M16/M10	1¼"	172955	50 PZ
46 - 50 mm	M16/M10	1½"	172964	50 PZ
51 - 55 mm	M16/M10		172973	50 PZ
58 - 63 mm	M16/M10	2"	172982	50 PZ
74 - 78 mm	M16/M10	2½"	172991	25 PZ
86 - 90 mm	1/2"/M16/M12	3"	173000	25 PZ
100 - 106 mm	1/2"/M16/M12		173072	25 PZ
108 - 114 mm	1/2"/M16/M12	4"	173009	25 PZ
133 - 140 mm	1/2"/M16/M12	5"	173018	10 PZ
158 - 168 mm	1/2"/M16/M12	6"	173027	10 PZ
198 - 207 mm	1/2"/M16/M12		173036	10 PZ
210 - 219 mm	1/2"/M16/M12	8"	173045	10 PZ

**PRATIK DUO INOX A4 EPDM**


12 - 15 mm	M 8	¼"	170693	100 PZ
15 - 19 mm	M 8	3/8"	170709	100 PZ
20 - 23 mm	M 8	½"	170718	100 PZ
25 - 28 mm	M 8	¾"	170727	100 PZ
32 - 35 mm	M 8	1"	170736	100 PZ
40 - 45 mm	M 8	1¼"	170745	50 PZ
48 - 52 mm	M 8	1½"	170754	50 PZ
52 - 58 mm	M 8		173360	50 PZ
60 - 64 mm	M 8	2"	170763	50 PZ
67 - 72 mm	M10		173369	25 PZ
73 - 80 mm	M10	2½"	170772	25 PZ
86 - 91 mm	M10	3"	170781	25 PZ
102 - 108 mm	M10		173378	25 PZ
110 - 115 mm	M10	4"	170790	25 PZ
135 - 143 mm	M10	5"	110884	25 PZ
149 - 161 mm	M10		110885	25 PZ
162 - 170 mm	M10	6"	110886	25 PZ

**STABIL D 1G INOX A4 SILICONE**


236 - 242 mm	M16	414517	10 PZ
260 - 266 mm	M16	414526	10 PZ
301 - 307 mm	M16	414535	10 PZ
311 - 318 mm	M16	414544	10 PZ

**ACCIAIO INOSSIDABILE**

**COLLARE UNIVERSALE INOX A2**



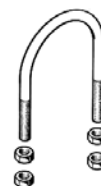
1/2"	170796	100 PZ
3/4"	170802	100 PZ
1"	170809	100 PZ
1"¼	170814	100 PZ
1"½	170821	50 PZ
2"	170827	50 PZ
2"½	170833	50 PZ
3"	170841	50 PZ
4"	170851	50 PZ
5"	170857	50 PZ
6"	170860	20 PZ
8"	170870	20 PZ

**COLLARE SPRINKLER N INOX A4**



26,9	M10	3/4"	116621	100 PZ
33,7	M10	1"	116622	100 PZ
42,4	M10	1 1/4"	116623	50 PZ
48,3	M10	1 1/2"	116624	50 PZ
60,3	M10	2"	116625	50 PZ
76,1	M10	2 1/2"	116626	25 PZ
88,9	M10	3"	116627	25 PZ
108	M10		116628	25 PZ
114,3	M10	4"	116629	25 PZ
133	M12		116630	25 PZ
139,7	M12	5"	116631	25 PZ
159	M12		116632	25 PZ
168,3	M12	6"	116633	25 PZ
219,1	M16	8"	116634	10 PZ

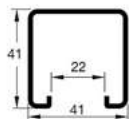
**U-BOLT INOX A4 dadi inclusi  
dadi inclusi**



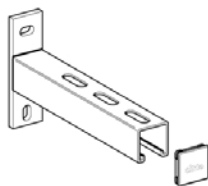
21,3 mm	M 8	½"	102719	50 PZ
26,9 mm	M 8	¾"	102728	50 PZ
33,7 mm	M 8	1"	102737	50 PZ
42,4 mm	M 8	1"¼	102746	50 PZ
48,3 mm	M 8	1"½	102889	50 PZ
60,3 mm	M10	2"	102898	50 PZ
76,1 mm	M10	2"½	102904	50 PZ
88,9 mm	M10	3"	102913	50 PZ
108,0 mm	M12		102922	50 PZ
114,3 mm	M12	4"	102694	25 PZ
133,0 mm	M12		102685	25 PZ
139,7 mm	M12	5"	102931	25 PZ
159,0 mm	M12		102940	25 PZ
168,3 mm	M12	6"	102700	10 PZ
219,1 mm	M12	8"	102959	10 PZ
273,0 mm	M20	10"	102968	10 PZ

**ACCIAIO INOSSIDABILE**
**PROFILATO 41/21 INOX**

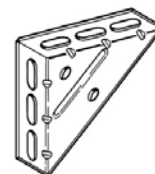

41/21/2,0	3 m	A2	173936	150 MT
41/21/2,0	6 m	A2	173937	300 MT

**PROFILATO 41/41 INOX**


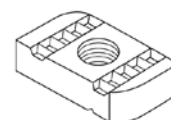
41/41/2,0	3 m	A2	173945	150 MT
41/41/2,0	6 m	A2	173946	300 MT
41/41/2,5	6 m	A4	195798	288 MT

**MENSOLA A SBALZO 41/41 AK INOX**


41/41	L=200	A4	115520	10 PZ
41/41	L=260	A4	115539	10 PZ
41/41	L=320	A4	115548	10 PZ
41/41	L=445	A4	115557	10 PZ
41/41	L=550	A4	115561	1 PZ
41/41	L=650	A4	115567	1 PZ

**MENSOLA A SQUADRA WK INOX**


100/100-30	A4	118383	25 PZ
150/150-40	A4	193655	25 PZ

**DADO A MARTELLO HZ0 INOX**


M 6	A4	157371	100 PZ
M 8	A4	157372	100 PZ
M10	A4	157373	100 PZ
M12	A4	157393	100 PZ
M16	A4	157376	100 PZ
M 6	A2	157394	100 PZ
M 8	A2	157395	100 PZ
M10	A2	157396	100 PZ
M12	A2	157397	100 PZ

**DADO A MARTELLO HZ 41 INOX**


HZ 41-M12	A4	182342	50 PZ
HZ 41-M16	A4	182351	50 PZ

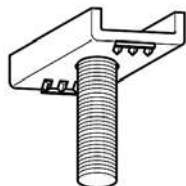
## ACCIAIO INOSSIDABILE

### DADO A MARTELLO CC41 INOX



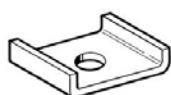
CC 41-M 6	A4	199299	50 PZ
CC 41-M 8	A4	199305	50 PZ
CC 41-M10	A4	199312	50 PZ

### VITE A MARTELLO TBO HZ 41 INOX



M 8x35 mm	A4	111455	50 PZ
M10x35 mm	A4	111457	50 PZ
M12x35 mm	A4	187454	50 PZ

### GRIFFA DI BLOCCAGGIO INOX



41/9	A2	115481	100 PZ
41/11	A2	115487	100 PZ
41/13	A2	115496	100 PZ

### GRIFFA DI BLOCCAGGIO INOX HK



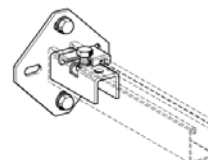
41/10	A4	178634	50 PZ
41/12	A4	178643	50 PZ
41/16	A4	178652	50 PZ

### ASTA DI BLOCCAGGIO INOX



STR 550/350	Ø11mm	A4	171920	10 PZ
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### PIASTRA WBD INOX



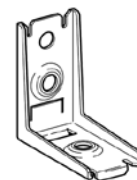
WBD 41/41-62	A4	193631	10 PZ
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### ANGOLARE MW INOX

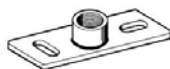


90/90/45°	A4	105721	25 PZ
95/95/90°	A4	106281	25 PZ

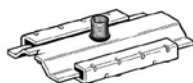
### ANGOLARE STABIL W INOX



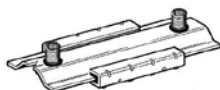
75/75/90°	A4	191702	25 PZ
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**ACCIAIO INOSSIDABILE**
**PIASTRA DI BASE STABIL INOX**


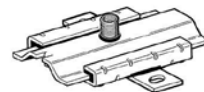
M 8	Stabil	A4	107608	50 PZ
M10	Stabil	A4	107617	50 PZ
M12	Stabil	A4	107626	50 PZ
M16	Stabil	A4	107635	50 PZ
1/2"	Stabil	A4	107644	50 PZ
3/4"	Stabil	A4	107653	50 PZ

**SLITTA H3G INOX**


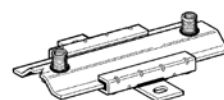
H3G	A4	170143	10 PZ
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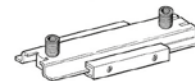
H3G2	A4	170125	10 PZ
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**SLITTA H3G PL INOX**


H3G-PL	A4	170152	10 PZ
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H3G2-PL	A4	170134	10 PZ
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**SLITTA 2G INOX**


2G	A4	170161	25 PZ
2G2	A4	170189	25 PZ

**SLITTA 2G PL INOX**


2G-PL	A4	170170	25 PZ
2G2-PL	A4	170198	25 PZ

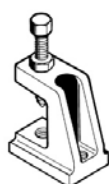
**ACCIAIO INOSSIDABILE**

**SLITTA S1-41 INOX**



S1-41	M10	A4	190667	10 PZ
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**MORSETTO TCS INOX**

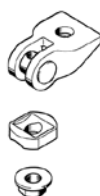


TCS I M10/M 8	5,0 kN	A4	170231	50 PZ
TCS I M10/M12	5,0 kN	A4	110766	50 PZ



TCS 0 LC Ø11		A4	170229	50 PZ
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**ANGOLARE UNIVERSALE UG INOX**



UG M 8		A4	171686	50 PZ
UG M10		A4	171695	50 PZ
UG M12		A4	171704	25 PZ
UG M16		A4	171713	25 PZ

**PIASTRA DI ANCORAGGIO P2 INOX**



P2 Ø 13 mm	b= 1-33 mm	A4	163435	25 PZ
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**ANCORANTE AN BZ PLUS INOX ETA 1**  
antismico categoria C1/C2,  
per calcestruzzo fessurato e non

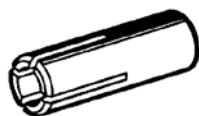


M 8/10/21/ 75 mm	A4	114160	100 PZ
M10/10/30/ 90 mm	A4	114164	50 PZ
M10/30/50/110 mm	A4	114166	50 PZ
M10/50/70/130 mm	A4	114167	50 PZ
M12/20/40/115 mm	A4	114170	25 PZ
M12/50/70/145 mm	A4	114172	25 PZ
M16/25/45/145 mm	A4	114174	20 PZ
M16/50/70/170 mm	A4	114175	20 PZ

**ANCORANTE B INOX ETA 7**



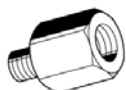
M8 /10/ 60 mm	A4	104934	100 PZ
M10/10/ 75 mm	A4	104953	100 PZ
M10/45/125 mm	A4	104962	50 PZ

**ACCIAIO INOSSIDABILE**
**ANCORANTE A CONO INTERNO INOX**


M 8×30 mm	A4	104906	100 PZ
M 8×40 mm	A4	153593	100 PZ
M10×40 mm	A4	104915	50 PZ
M12×50 mm	A4	104924	50 PZ
M16×65 mm	A4	104933	25 PZ

**ORGANO ACCOPPIAMENTO F/F INOX**


M 8	L=30 mm	A4	104818	100 PZ
M10	L=30 mm	A4	104827	100 PZ
M12	L=35 mm	A4	104836	50 PZ
M16	L=45 mm	A4	104845	50 PZ

**ADATTATORE F/M INOX**


F12/M 8	L=30 mm	A4	113652	50 PZ
F12/M10	L=30 mm	A4	113661	50 PZ

**ADATTATORE F/F INOX**


F16/F12	L=35 mm	A4	170295	25 PZ
F16/F16	L=30 mm	A4	170286	50 PZ
1/2"/F16	L=40 mm	A4	178373	10 PZ
1/2"/1/2"	L=35 mm	A4	170301	25 PZ
3/4"/F16	L=35 mm	A4	178382	10 PZ
3/4"/1/2"	L=35 mm	A4	170310	10 PZ



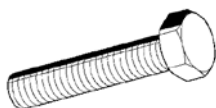
1"/F16	L=40 mm	A4	178364	10 PZ
1"/F1/2"	L=40 mm	A4	170338	10 PZ

**DADO ESAGONALE DIN 934 INOX**


M 6	A4	104696	100 PZ
M 8	A4	104702	100 PZ
M10	A4	104711	100 PZ
M12	A4	104720	100 PZ
M16	A4	104748	100 PZ

## ACCIAIO INOSSIDABILE

### VITE A TESTA ESAGONALE DIN 933 INOX



M 6×25 mm	A4	104359	100 PZ
M 8×25 mm	A4	146131	100 PZ
M 8×35 mm	A4	104669	100 PZ
M10×30 mm	A4	104678	100 PZ
M10×45 mm	A4	104377	100 PZ
M12×30 mm	A4	151397	100 PZ
M12×35 mm	A4	146140	100 PZ
M12×50 mm	A4	104368	100 PZ
M16×25 mm	A4	172280	100 PZ
M16×30 mm	A4	172289	100 PZ
M16×50 mm	A4	151643	100 PZ

### RONDELLA PIANA INOX



8/16/1,6	DIN 125	A4	104766	100 PZ
8/24/2,0	DIN 9021	A4	172019	100 PZ
8/40/3,0		A4	111865	100 PZ
10/20/2,2	DIN 125	A4	104775	100 PZ
10/30/2,5	DIN 9021	A4	171740	100 PZ
10/40/3,0		A4	111866	100 PZ
12/24/2,5	DIN 125	A4	104784	100 PZ
12/40/3,0		A4	111867	100 PZ
16/30/3,0	DIN 125	A4	104809	100 PZ
16/50/3,0	DIN 9021	A4	172028	100 PZ

### BARRA FILETTATA INOX



M 8	L= 1 m	A2	104859	1 MT
M 8	L= 1 m	A4	104854	1 MT
M 8	L= 3 m	A4	172253	3 MT
M10	L= 1 m	A2	104867	1 MT
M10	L= 1 m	A4	104863	1 MT
M12	L= 1 m	A2	104875	1 MT
M12	L= 1 m	A4	104872	1 MT
M16	L= 1 m	A2	104886	1 MT
M16	L= 2 m	A4	171947	2 MT

### TUBO FILETTATO DIN EN ISO 228 INOX



1/2"	L= 2 m	A4	170347	2 MT
3/4"	L= 2 m	A4	170356	2 MT
1"	L= 2 m	A4	170365	2 MT

### CONTRODADO INOX



1/2"	A4	177221	50 PZ
3/4"	A4	177230	10 PZ
1"	A4	177239	10 PZ

**ACCIAIO ZINCATO A CALDO**

**STABIL RB-A HCP**



14 - 18 mm	112790	25 PZ
18 - 22 mm	112791	25 PZ
23 - 27 mm	112792	25 PZ
30 - 34 mm	112793	25 PZ
35 - 39 mm	112794	25 PZ
40 - 44 mm	112795	25 PZ
45 - 49 mm	112796	25 PZ
57 - 61 mm	112797	25 PZ
67 - 71 mm	112798	25 PZ
72 - 77 mm	112799	25 PZ
84 - 89 mm	112800	25 PZ
96 - 102 mm	112801	10 PZ
102 - 109 mm	112802	10 PZ
109 - 115 mm	112803	10 PZ
128 - 134 mm	112804	10 PZ
134 - 140 mm	112805	10 PZ
157 - 163 mm	112806	10 PZ
163 - 169 mm	112807	10 PZ
188 - 194 mm	112808	1 PZ
215 - 221 mm	112809	1 PZ
246 - 254 mm	112810	1 PZ
259 - 266 mm	112811	1 PZ
266 - 273 mm	112812	1 PZ
317 - 324 mm	112813	1 PZ
349 - 356 mm	112814	1 PZ
366 - 374 mm	112815	1 PZ
397 - 407 mm	112816	1 PZ
419 - 429 mm	112817	1 PZ
447 - 457 mm	112818	1 PZ
498 - 508 mm	112819	1 PZ
520 - 530 mm	112820	1 PZ
531 - 541 mm	112821	1 PZ
600 - 610 mm	112822	1 PZ

**STABIL D-3G HCP**  
FM da 1" a 6"



15 - 19 mm	M16/M10/M8	3/8"	112216	50 PZ
20 - 24 mm	M16/M10/M8	1/2"	112217	50 PZ
25 - 30 mm	M16/M10/M8	3/4"	112218	50 PZ
31 - 35 mm	M16/M10/M8	1"	112219	50 PZ
40 - 45 mm	M16/M10/M8	1 1/4"	112220	50 PZ
48 - 53 mm	M16/M10/M8	1 1/2"	112221	50 PZ
54 - 59 mm	M16/M10/M8		112222	50 PZ
60 - 65 mm	M16/M10/M8	2"	112223	50 PZ
67 - 72 mm	M16/M10/M8		112224	50 PZ
76 - 81 mm	M16/M10/M8	2 1/2"	115767	25 PZ
82 - 87 mm	M16/M10/M8		115768	25 PZ
88 - 93 mm	M16/M10/M8	3"	115769	25 PZ
102 - 108 mm	M16/M10/M8		115770	25 PZ
110 - 116 mm	M16/M10/M8	4"	115771	25 PZ
124 - 129 mm	M16/M10/M8		115772	25 PZ
133 - 140 mm	1/2"/M16/M12		112231	10 PZ
140 - 148 mm	1/2"/M16/M12	5"	112232	10 PZ
149 - 155 mm	1/2"/M16/M12		112233	10 PZ
159 - 165 mm	1/2"/M16/M12		112234	10 PZ
167 - 173 mm	1/2"/M16/M12	6"	112235	10 PZ
176 - 184 mm	1/2"/M16/M12		112236	10 PZ
188 - 194 mm	1/2"/M16/M12		112237	10 PZ
199 - 205 mm	1/2"/M16/M12		112238	10 PZ
207 - 216 mm	1/2"/M16/M12		112239	10 PZ
219 - 225 mm	1/2"/M16/M12	8"	112240	10 PZ
244 - 250 mm	1/2"/M16/M12		112242	10 PZ
267 - 273 mm	1/2"/M16/M12	10"	112244	10 PZ
278 - 284 mm	1/2"/M16/M12		112245	10 PZ
297 - 303 mm	1/2"/M16/M12		112246	10 PZ
310 - 316 mm	1/2"/M16/M12		112247	10 PZ

**ACCIAIO ZINCATO A CALDO**

**STABIL D-3G EPDM HCP  
FM da 29 a 162 mm**



14 - 18 mm	M16/M10/M8	3/8"	112249	50 PZ
19 - 23 mm	M16/M10/M8	1/2"	112250	50 PZ
24 - 28 mm	M16/M10/M8	3/4"	112251	50 PZ
29 - 33 mm	M16/M10/M8	1"	112252	50 PZ
33 - 37 mm	M16/M10/M8		112253	50 PZ
40 - 45 mm	M16/M10/M8	1 1/4"	112254	50 PZ
47 - 52 mm	M16/M10/M8	1 1/2"	112255	50 PZ
53 - 58 mm	M16/M10/M8		112256	50 PZ
60 - 65 mm	M16/M10/M8	2"	112257	50 PZ
73 - 78 mm	M16/M10/M8	2 1/2"	115782	25 PZ
88 - 93 mm	M16/M10/M8	3"	115784	25 PZ
100 - 106 mm	M16/M10/M8		115785	25 PZ
108 - 115 mm	M16/M10/M8	4"	115786	25 PZ
124 - 129 mm	1/2"/M16/M12		112266	10 PZ
131 - 137 mm	1/2"/M16/M12		112267	10 PZ
138 - 144 mm	1/2"/M16/M12	5"	112268	10 PZ
148 - 154 mm	1/2"/M16/M12		112269	10 PZ
156 - 162 mm	1/2"/M16/M12		112270	10 PZ
165 - 171 mm	1/2"/M16/M12	6"	112271	10 PZ
177 - 183 mm	1/2"/M16/M12		112272	10 PZ
188 - 194 mm	1/2"/M16/M12		112273	10 PZ
196 - 203 mm	1/2"/M16/M12		112274	10 PZ
205 - 214 mm	1/2"/M16/M12		112275	10 PZ
219 - 225 mm	1/2"/M16/M12	8"	112276	10 PZ
244 - 250 mm	1/2"/M16/M12		112278	10 PZ
267 - 273 mm	1/2"/M16/M12	10"	112280	10 PZ
278 - 284 mm	1/2"/M16/M12		112281	10 PZ
299 - 305 mm	1/2"/M16/M12		112282	10 PZ
307 - 318 mm	1/2"/M16/M12		112283	10 PZ

**U-BOLT DIN 3570 A HCP con dadi inclusi**

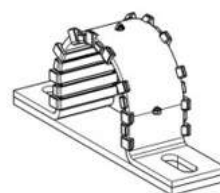


21,3 mm	M10	1/2"	404662	50 PZ
26,9 mm	M10	3/4"	162179	50 PZ
33,7 mm	M10	1"	162188	50 PZ
42,4 mm	M10	1 1/4"	162197	50 PZ
48,3 mm	M10	1 1/2"	162203	50 PZ
60,3 mm	M12	2"	162212	50 PZ
76,1 mm	M12	2 1/2"	162221	50 PZ

88,9 mm	M12	3"	162230	50 PZ
114,3 mm	M16	4"	162249	25 PZ
139,7 mm	M16	5"	162258	25 PZ
168,3 mm	M16	6"	162267	10 PZ
193,7 mm	M16		162276	10 PZ
219,1 mm	M20	8"	162285	10 PZ
273,0 mm	M20	10"	162294	10 PZ
323,9 mm	M20	12"	162300	1 PZ
355,6 mm	M24	14"	162319	1 PZ
406,4 mm	M24	16"	162328	1 PZ
508,0 mm	M24	20"	162337	1 PZ

**COLLARE AD U RUC I**

consente lo scorrimento del tubo, compatibile con profilati 41 e siFramo F80

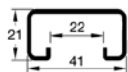


22	per DN15	HCP	805068	1 PZ
28	per DN20	HCP	805069	1 PZ
35	per DN25	HCP	805070	1 PZ
43	per DN32	HCP	805071	1 PZ
49	per DN40	HCP	805072	1 PZ
62	per DN50	HCP	805073	1 PZ
77	per DN65	HCP	805074	1 PZ
90	per DN80	HCP	805075	1 PZ
116	per DN100	HCP	805076	1 PZ
141	per DN125	HCP	805077	1 PZ
170	per DN150	HCP	805078	1 PZ
221	per DN200	HCP	805079	1 PZ
275	per DN250	HCP	805080	1 PZ
325	per DN300	HCP	805081	1 PZ

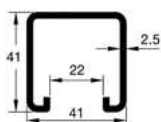
**COLLARE SPRINKLER N HCP**



26,9	M10	3/4"	113415	100 PZ
33,7	M10	1"	113238	100 PZ
42,4	M10	1 1/4"	113239	50 PZ
48,3	M10	1 1/2"	113240	50 PZ
60,3	M10	2"	113241	50 PZ
76,1	M10	2 1/2"	113247	25 PZ
88,9	M10	3"	113248	25 PZ
114,3	M10	4"	113250	25 PZ
139,7	M12	5"	113252	25 PZ
168,3	M12	6"	113254	25 PZ
219,1	M16	8"	113255	10 PZ

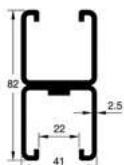
**ACCIAIO ZINCATO A CALDO**
**PROFILATO 41/21 HCP**


41/21/2,0	3 m	HCP	193858C	150 MT
41/21/2,0	6 m	HCP	193861C	300 MT

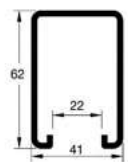
**PROFILATO 41/41 HCP**


41/41/2,5

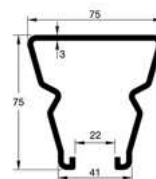
41/41/2,5	3 m	HCP	161494C	150 MT
41/41/2,5	6 m	HCP	161498C	300 MT



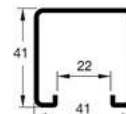
41/41/2,5 D	3 m	HCP	166743C	75 MT
41/41/2,5 D	6 m	HCP	166748C	150 MT

**PROFILATO 41/62 HCP**


41/62/2,5	6 m	HCP	199527C	300 MT
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**PROFILATO 41/75 HCP**


41/75/3,0	6 m	HCP	174008	300 MT
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**PROFILATO HDG**


41/21/2,0	6 m	HDG	193861ZC	300 MT
41/41/2,5	3 m	HDG	161494ZC	150 MT

**ZINCO SPRAY**

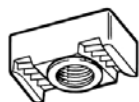

F93	400 mL	1497303	1 PZ
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**DADO A MARTELLO CC41 C. MOLLA PIATTA HCP**


CC 41-M 6	HCP	198698	50 PZ
CC 41-M 8	HCP	198650	50 PZ
CC 41-M10	HCP	186284	50 PZ
CC 41-M12	HCP	110015	50 PZ

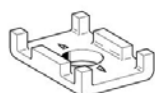
**ACCIAIO ZINCATO A CALDO**

**DADO A MARTELLO HZ 41 HCP**



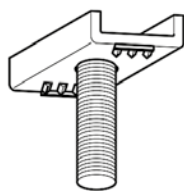
HZ 41-M10	HCP	162115	50 PZ
HZ 41-M12	HCP	162133	50 PZ
HZ 41-M16	HCP	182279	50 PZ

**GRIFFA DI BLOCCAGGIO HCP**



41/10	HCP	179606	50 PZ
41/12	HCP	179615	50 PZ
41/16	HCP	179624	50 PZ

**VITE A MARTELLO TBO HZ41 HCP**



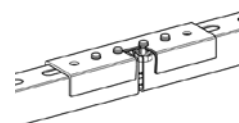
HZ41 M10×35 mm	HCP	111453	50 PZ
HZ41 M12×35 mm	HCP	111454	50 PZ

**GIUNTO DI COLLEGAMENTO SK HCP  
per accoppiamento profilati**



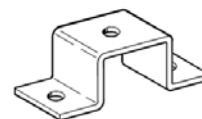
SK 41/21	HCP	186680	10 PZ
SK 41/41	HCP	195642	10 PZ
SK 41/62	HCP	195666	10 PZ
SK 41-75/75	HCP	195680	10 PZ

**GIUNTO DI COLLEGAMENTO SK-L HCP  
per accoppiamento profilati, con viti Framo FLS F**



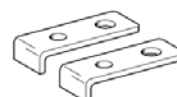
SK-L	HCP	198971	10 PZ
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**SOSTEGNO SH HCP**

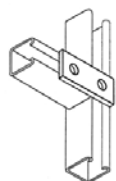


SH 41/21	HCP	189992	50 PZ
SH 41/41	HCP	183116	50 PZ
SH 41/62	HCP	113917	25 PZ
SH 41/41 D	HCP	183143	10 PZ
SH 41-75/75	HCP	183134	25 PZ

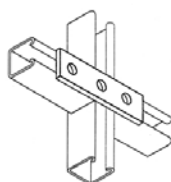
**STAFFA UBF HCP**



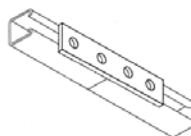
UBF	per collari ubolt	HCP	194188	25 CP
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**ACCIAIO ZINCATO A CALDO**
**PIASTRE PIANE K HCP**


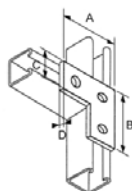
K4 2 fori HCP 163347 100 PZ



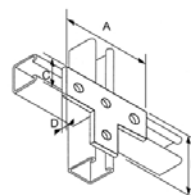
K5 3 fori HCP 138065 25 PZ



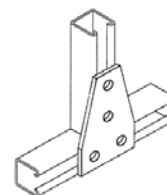
K6 4 fori HCP 138066 25 PZ



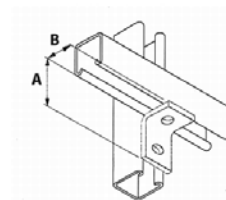
K13 a "L" HCP 138067 25 PZ



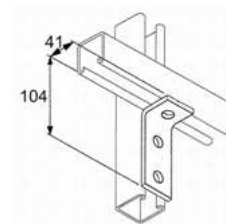
K14 a "T" HCP 138071 25 PZ



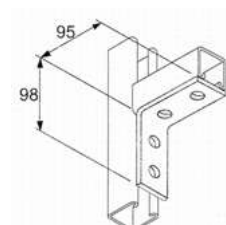
K15 a trapezio HCP 138072 25 PZ

**PIASTRE ANGOLARI K HCP**


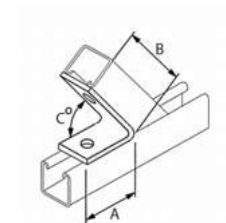
K7 90° 2 fori HCP 126783 50 PZ



K8 90° 3 fori HCP 126784 50 PZ



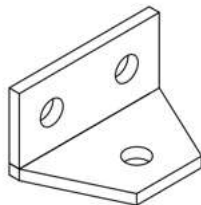
K9 90° 4 fori HCP 126785 50 PZ



K20	30°	HCP	126930	25 PZ
K20	45°	HCP	126945	25 PZ
K20	60°	HCP	126960	25 PZ

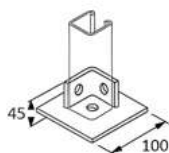
**ACCIAIO ZINCATO A CALDO**

**PIASTRE ANGOLARI K HCP**



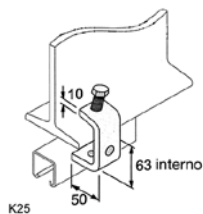
K15 a trapezio 138073 25 PZ

**PIASTRA DI BASE K HCP**



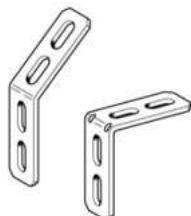
K10 di base HCP 126789 10 PZ

**PIASTRA PER STRUTTURE METALLICHE K HCP**



K25 a trave HCP 126715 25 PZ

**ANGOLARE MW HCP**



95/95/90°	HCP	162036	25 PZ
95/95/30°	HCP	194041	25 PZ
90/90/45°	HCP	162045	25 PZ

**PIASTRA ANGOLARE STABIL CC 41**



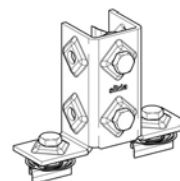
CC 90°	HCP	192737	25 PZ
CC 90° W	HCP	192746	25 PZ

**PIASTRA ANGOLARE EV CC41-1 HCP**



EV CC41-1 HCP 117352 25 PZ

**PIASTRA ANGOLARE EV CC 41-2 W**



EV CC41-2 HCP 117457 10 PZ

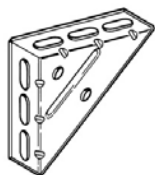


EV CC41-2 W HCP 117459 10 PZ



**ACCIAIO ZINCATO A CALDO**

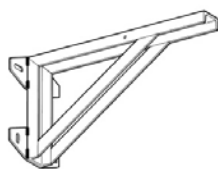
**MENSOLA A SQUADRA HCP**



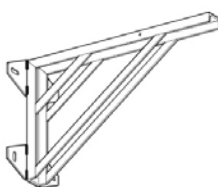
100/100-40 mm	HCP	163930	25 PZ
150/150-40 mm	HCP	181685	25 PZ



300/200 mm	HCP	162531	1 PZ
550/350 mm	HCP	162610	1 PZ

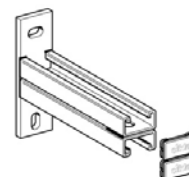


725/400 mm	HCP	151041	1 PZ
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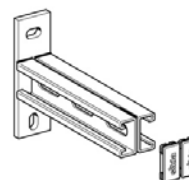


880/550 mm	HCP	151050	1 PZ
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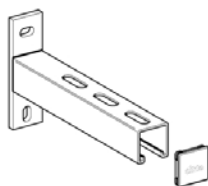
**MENSOLA A SBALZO 21 D HCP**



41/21 D	L= 320 mm	HCP	180146	10 PZ
41/21 D	L= 570 mm	HCP	180155	10 PZ



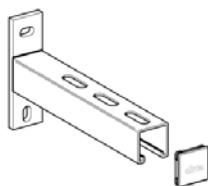
41/21 DQ	L= 320 mm	HCP	180164	10 PZ
41/21 DQ	L= 570 mm	HCP	190424	10 PZ

**ACCIAIO ZINCATO A CALDO****MENSOLA A SBALZO AK HCP**

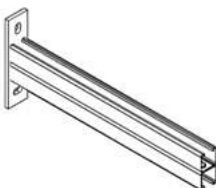
41/41/2,0	L= 320 mm	HCP	181667	10 PZ
41/41/2,0	L= 570 mm	HCP	181676	10 PZ
41/41/2,0	L= 820 mm	HCP	161479	10 PZ

**MENSOLA A SBALZO 62 HCP**

41/62/2.5	L= 500 mm	HCP	115522	10 PZ
41/62/2.5	L= 600 mm	HCP	115523	10 PZ
41/62/2.5	L=1000 mm	HCP	115526	10 PZ

**MENSOLA A SBALZO 41 HCP**

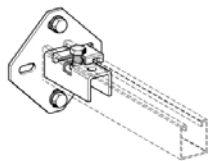
41/41/2,5	L= 300 mm	HCP	115694	10 PZ
41/41/2,5	L= 500 mm	HCP	115697	10 PZ
41/41/2,5	L= 600 mm	HCP	115699	10 PZ

**MENSOLA A SBALZO 41 D HCP**

41/41 D	L= 300 mm	HCP	180142	10 PZ
41/41 D	L= 500 mm	HCP	180143	10 PZ
41/41 D	L= 600 mm	HCP	180145	10 PZ
41/41 D	L= 700 mm	HCP	180147	10 PZ
41/41 D	L= 800 mm	HCP	180149	10 PZ
41/41 D	L=1000 mm	HCP	180148	10 PZ

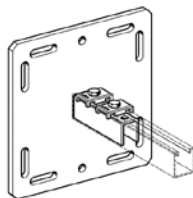
## ACCIAIO ZINCATO A CALDO

### PIASTRA WBD HCP



WBD 41/21	HCP	198063	10 PZ
WBD 41/41	HCP	198070	10 PZ
WBD 41/62	HCP	113918	5 PZ
WBD 41/41 D	HCP	198100	5 PZ

### PIASTRA WBD-C HCP

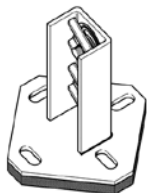


WBD C0 41/41	HCP	179498	1 PZ
WBD C0 41-75/75	HCP	179507	1 PZ
WBD C0 41/41 D	HCP	179561	1 PZ

### PIASTRA SHB HCP



SHB 160	HCP	113117	10 PZ
SHB 300	HCP	113118	1 PZ
SHB 450	HCP	113119	1 PZ
SHB 600	HCP	113120	1 PZ



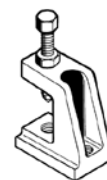
SHB 41-62	110x110 mm	HCP	198902	10 PZ
SHB 41-62	160x160 mm	HCP	198919	5 PZ

### PIASTRA DI BASE STABIL HCP



M10	Stabil	HCP	112684	50 PZ
M12	Stabil	HCP	112685	50 PZ
M16	Stabil	HCP	112686	50 PZ
1/2"	Stabil	HCP	112683	50 PZ

### MORSETTO TCS I HCP



TCS I M10/M10	HCP	162151	50 PZ
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### MORSETTO TCS 41 HCP

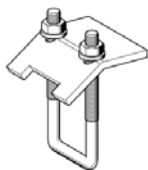


TCS 41	HCP	110003	50 PZ
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### ANGOLARE UNIVERSALE UG HCP



UG M10	8,0 kN	HCP	K116735	50 PZ
UG M16	13,0 kN	HCP	K115535	50 PZ
UG FP M16	13,0 kN	HCP	K115536	50 PZ

**ACCIAIO ZINCATO A CALDO**
**PIASTRA DI ANCORAGGIO PER PROFILI 41 HCP**


SB 41		HCP	113879	20 PZ
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**PIASTRA DI ANCORAGGIO 5P**

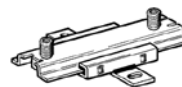

M12	1-30 mm	HCP	114880	20 PZ
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M12 AU	1-30 mm	HCP	115034	20 PZ
M16 AU	4-40 mm	HCP	115035	20 PZ

**ANCORANTE AN BZ PLUS ETA 1  
HCP  
antisismico categoria C1/C2**


M 8/10/ 75		HCP	500340	100 PZ
M10/25/105		HCP	500342	50 PZ
M10/55/135		HCP	500344	50 PZ
M12/20/120		HCP	500346	50 PZ
M12/45/145		HCP	500348	25 PZ
M12/70/170		HCP	500349	50 PZ
M16/30/150		HCP	500350	20 PZ

**SLITTA 2G2 HCP**


2G2-PL	M16/M10	HCP	114594	25 PZ
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**ORGANO ACCOPPIAMENTO F/F HCP**


M10	L= 30 mm	HCP	116700	100 PZ
M12	L= 35 mm	HCP	116701	50 PZ
M16	L= 40 mm	HCP	116702	50 PZ

**ADATTATORE F/F HCP**


1/2"/M10	L=35 mm	HCP	112163	10 PZ
1/2"/M12	L=35 mm	HCP	112164	10 PZ
1/2"/1/2"	L=35 mm	HCP	112166	10 PZ
1/2"/M16	L=40 mm	HCP	112167	25 PZ

**DADO ESAGONALE HCP**


M8		HCP	162378	100 PZ
M10		HCP	162391	100 PZ
M12		HCP	162382	100 PZ
M16		HCP	163019	100 PZ

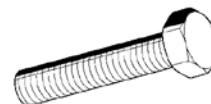
**ACCIAIO ZINCATO A CALDO**

**DADO FLANGIATO NT SEC HCP**



M8	Øe = 17 mm	HCP	113062	50 PZ
M10	Øe = 21 mm	HCP	113063	50 PZ

**BULLONE ESAGONALE HCP**



M10× 25 mm	HCP	162568	100 PZ
M10× 40 mm	HCP	162577	100 PZ
M12× 25 mm	HCP	162586	100 PZ
M12× 30 mm	HCP	164144	100 PZ
M12× 40 mm	HCP	162595	50 PZ
M12× 60 mm	HCP	164153	50 PZ
M12× 80 mm	HCP	164162	50 PZ
M12×100 mm	HCP	164171	50 PZ
M16× 50 mm	HCP	162601	100 PZ
M16× 80 mm	HCP	164180	25 PZ
M16×100 mm	HCP	171866	25 PZ

**RONDELLA PIANA HCP**



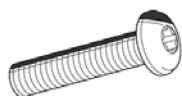
10/20/2,0	DIN 125	HCP	162346	100 PZ
10/40/3,0		HCP	162373	100 PZ
12/24/2,5	DIN 125	HCP	162355	100 PZ
12/40/3,0		HCP	162364	100 PZ
16/30/3,0	DIN 125	HCP	179156	100 PZ

**BARRA FILETTATA HCP**



M10	1 m	HCP	114842	25 MT
M10	2 m	HCP	114112	50 MT
M10	3 m	HCP	116569	30 MT
M12	1 m	HCP	114843	25 MT
M12	2 m	HCP	114113	20 MT
M12	3 m	HCP	116570	30 MT
M16	1 m	HCP	114844	10 MT
M16	2 m	HCP	116572	20 MT
M16	3 m	HCP	116571	15 MT

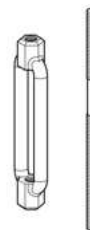
**BULLONE SCR-A HCP**



M10×25 mm	SW 6	HCP	198353	100 PZ
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**ACCIAIO ZINCATO A CALDO**
**TRONCHETTO DI BARRA FILETTATA HCP**


M10x 40 mm	HCP	162407	100 PZ
M10x110 mm	HCP	162425	100 PZ
M12x 70 mm	HCP	162443	100 PZ
M12x110 mm	HCP	162452	100 PZ
M12x250 mm	HCP	180686	100 PZ
M12x500 mm	HCP	180722	100 PZ



SPZ M10	HCP	116573	10 PZ
SPZ M12	HCP	116574	10 PZ
SPZ M16	HCP	116575	10 PZ

**TUBO FILETTATO HCP**


1/2"	2 m	HCP	110717	2 MT
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**CONTRODADO HCP**

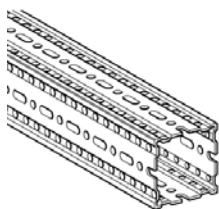

1/2"	DIN 2950	HCP	110755	25 PZ
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**GRILLO E TENDITORE HCP**

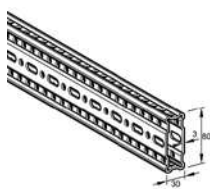

GWB M10	HCP	113053	10 PZ
GWB M12	HCP	113054	10 PZ
GWB M16	HCP	113055	10 PZ

## FRAMO 80

### PROFILATO FRAMO F 80

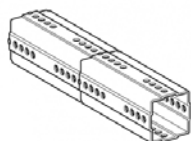


TP F 80	3 m	HCP	195031	60 MT
TP F 80	6 m	HCP	192539	120 MT



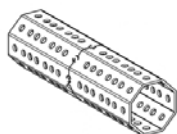
TP F 80/30	6 m	HCP	113407	210 MT
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### GIUNTO DI COLLEGAMENTO PKF 80 QUADRATO



PK F 80 4kt	L=360mm	HCP	111445	1 PZ
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### GIUNTO DI COLLEGAMENTO PKF 80 OTTAGONALE



PK F 80 8kt	L=280mm	HCP	111446	1 PZ
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### MENSOLA A SBALZO AK F 80/30

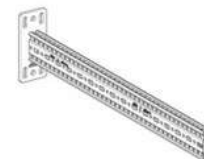


AK F 80/30	L=400mm	HCP	113064	1 PZ
AK F 80/30	L=800mm	HCP	113065	1 PZ

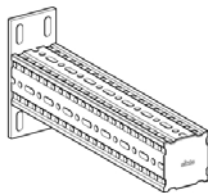


AK F 80/30-E	L=400mm	HCP	113625	1 PZ
AK F 80/30-E	L=800mm	HCP	113626	1 PZ

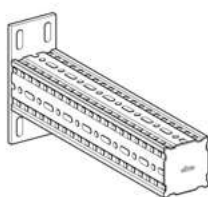
### MENSOLA A SBALZO AK F 80/30-Q



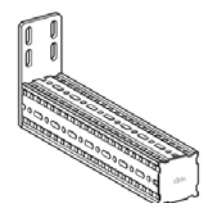
AK F80/30-Q	L=400mm	HCP	117292	1 PZ
AK F80/30-Q	L=800mm	HCP	117293	1 PZ

**FRAMO 80**
**MENSOLA A SBALZO AK F 80**


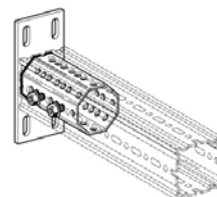
AK F 80      L=400mm      HCP      192764      1 PZ



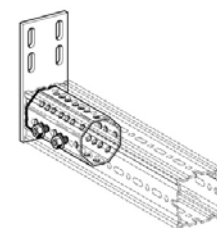
AK F 80      L=800mm      HCP      192771      1 PZ



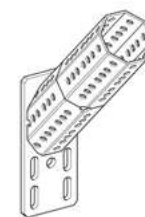
AK F 80-E      L=600mm      HCP      110370      1 PZ

**SOSTEGNO LATERALE STA F 80**


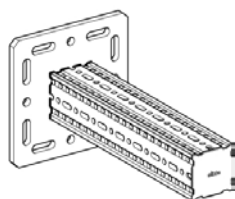
STA F 80      HCP      192856      1 PZ



STA F 80-E      HCP      192863      1 PZ



STA F 80-E 45°      406001      1 PZ

**MENSOLA A SBALZO TKO F 80**


TKO F 80      L=400mm      HCP      192788      1 PZ

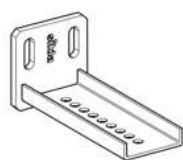
TKO F 80      L=800mm      HCP      192795      1 PZ

**FRAMO 80**

**SOSTEGNO LATERALE STA F 80/30**



STA F 80/30                      HCP            117160            1 PZ

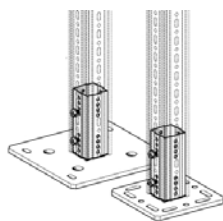


STA F 80/30-E                      HCP            113066            1 PZ



STA F 80/30-Q                      HCP            117294            1 PZ

**PIASTRA WBD F 80**



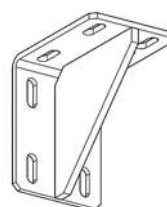
F 80-T 80/120	220×220×12mmHCP	192849	1 PZ
F 80 80/120	220×220×12mmHCP	192801	1 PZ
F 80-121/160	320×260×12mmHCP	117164	1 PZ
F 80-161/200	320×310×12mmHCP	117165	1 PZ
F 80-201/310	420×220×12mmHCP	117166	1 PZ

**SOSTEGNO LATERALE SKO F 80**



SKO F 80                              HCP            117152            1 PZ

**SOSTEGNO LATERALE WD F 80**

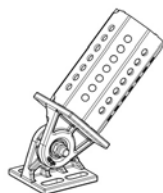


WD F 80                                HCP            117153            1 PZ

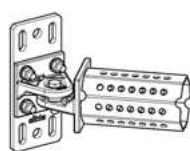
**PIASTRA ISOLATA SHB SQF F 80**



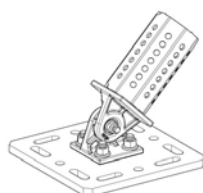
F 80-350	350×350	218865	1 PZ
F 80-500	500×500	218868	1 PZ

**FRAMO 80**
**GIUNTO GE F**


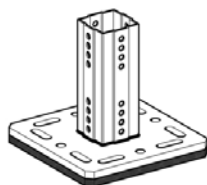
GE F 80 - 80	HCP	113835	1 PZ
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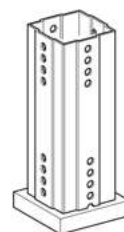
GE F 80 - 80 Q	HCP	113834	1 PZ
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**GIUNTO GE ST F 80**


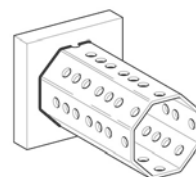
GE F 80/120 - 80	HCP	115856	1 PZ
GE F 121/160 - 80	HCP	115857	1 PZ
GE F 161/200 - 80	HCP	115859	1 PZ
GE F 201/300 - 80	HCP	115861	1 PZ

**PIASTRA ISOLATA SHB F80**


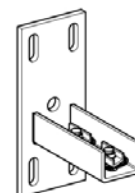
SHB F 80	220x220 mm	HCP	198926	1 PZ
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**ADATTATORE A SALDARE ASA F 80**


GPL 4KT	111741	1 PZ
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**ADATTATORE A SALDARE ASA F 80 GPL**


ASA F 80 GPL	HCP	112212	1 PZ
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**ADATTATORE PER PROFILO 41/41 SA F 80**


SA F 80-41	HCP	192887	1 PZ
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**BULLONE AUTOFILETTANTE FLS**


FLS F	T50 SW17	HCP	192512	100 PZ
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**FRAMO 80**

**KIT DI FISSAGGIO MS 5P**  
per fissaggio piastre WBD F a putrelle

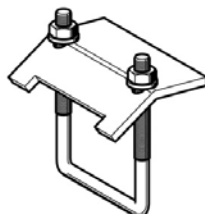


M12 S	4x M12x80	HCP	115843	10 PZ
M16 S	4x M16x100	HCP	115844	10 PZ
M12 S2	2x M12x80	HCP	115845	10 PZ

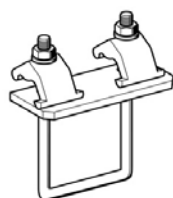


M12 MA S	4x M12x80	HCP	114886	10 PZ
M16 MA S	4x M16x100	HCP	114887	10 PZ

**PIASTRA DI ANCORAGGIO SB F 80**

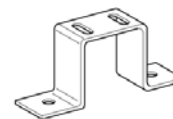


SB F 80/16 mm	HCP	192683	20 PZ
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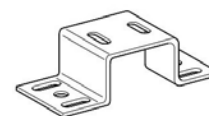


SB F 80/40 mm	HCP	194010	10 PZ
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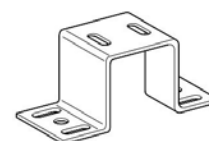
**SOSTEGNO TPH F 80**



TPH F 80	HCP	195765	10 PZ
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TPH F 80/30 C	HCP	116673	10 PZ
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TPH F 80 C	HCP	111732	10 PZ
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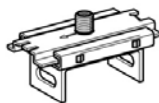
**TAPPO TERMINALE F 80**



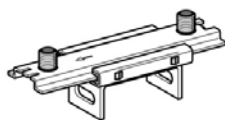
ADK F 80		192674	25 PZ
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ADK F 80/30		113067	25 PZ
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**FRAMO 80**
**SLITTA GS F 80 2G**


GS F 80 2G	M16/M10	HCP	196700	10 PZ
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GS F 80 2G2	M16/M10	HCP	196717	10 PZ
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**SLITTA GS F 80 1G**


GS F 80 1G	1/2"	HCP	113885	10 PZ
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GS F 80 1G2	1/2"	HCP	113886	10 PZ
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**PIASTRA DI BASE GPL F 80**

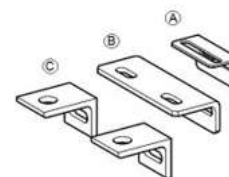

GPL F 80 - M10	HCP	113004	50 PZ
GPL F 80 - M12	HCP	112911	50 PZ
GPL F 80 - M16	HCP	195833	50 PZ



GPL F 80 - 1/2"	HCP	192900	50 PZ
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**PIASTRA DI BASE GPL F 80 ST**


GPL F 80 ST - 1/2"	HCP	451280	25 PZ
GPL F 80 ST - 3/4"	HCP	451281	25 PZ
GPL F 80 ST - 1"	HCP	451282	25 PZ

**SOSTEGNO PER U-BOLT F 80**


1/2" - 1 1/2"	tipo A per M10	HCP	192931	25 PZ
2" - 3"	tipo B per M12	HCP	196212	10 PZ
4" - 6"	tipo C per M16	HCP	113124	20 PZ
8" - 12"	tipo C per M20	HCP	113125	20 PZ
378-530mm	tipo C per M24	HCP	113126	20 PZ

**FRAMO 80**

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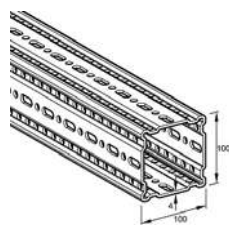
PIASTRA U-UB F 80 PER UBOLT



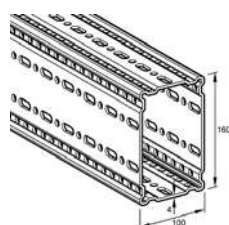
U-UB F

198797

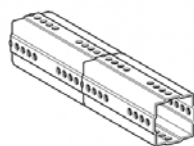
50 PZ

**FRAMO 100**
**PROFILATO FRAMO F 100**


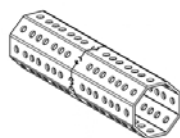
TP F 100	6 m	HCP	112904	72 MT
TP F 100	8 m	HCP	113943	96 MT



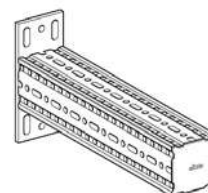
TP F 100/160	6 m	HCP	112905	48 MT
TP F 100/160	9 m	HCP	113945	72 MT

**GIUNTO DI COLLEGAMENTO PK F 100**


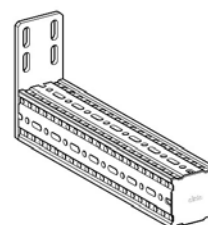
PK F 100 4KT		HCP	400390	1 PZ
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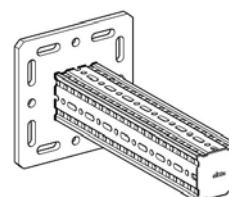
PK F 100 8KT		HCP	400389	1 PZ
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**MENSOLA A SBALZO AK F 100**


AK F 100	L= 400mm	HCP	113068	1 PZ
AK F 100	L= 800mm	HCP	113069	1 PZ
AK F 100	L=1200mm	HCP	113419	1 PZ
AK F100-80	L= 400mm	HCP	117143	1 PZ
AK F 100-80	L= 800mm	HCP	117144	1 PZ



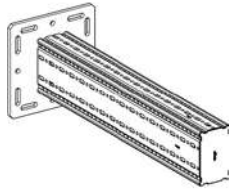
AK F 100-E	L= 600mm	HCP	113070	1 PZ
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**MENSOLA A SBALZO TKO F 100**


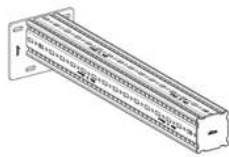
TKO F 100	L= 400mm	HCP	113071	1 PZ
TKO F 100	L= 800mm	HCP	113072	1 PZ
TKO F 100	L=1200mm	HCP	113421	1 PZ

**FRAMO 100**

**MENSOLA A SBALZO TKO F 100/160**



TKO F 100/160	L= 800mm	HCP	113097	1 PZ
TKO F 100/160	L=1200mm	HCP	113420	1 PZ



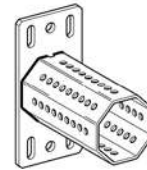
AK F 160-100-E	L=800	HCP	117145	1 PZ
AK F 160-100-E	L=1200	HCP	117146	1 PZ

**SOSTEGNO LATERALE SKO F 100**

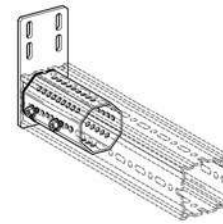


SKO F 100	HCP	113096	1 PZ
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**SOSTEGNO LATERALE STA F 100**

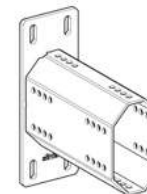


STA F 100	HCP	113073	1 PZ
STA F 100-80	per SiFramo F80 HCP	113337	1 PZ

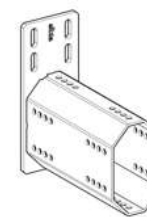


STA F 100-E	HCP	113074	1 PZ
STA F 100-80-E	per SiFramo F80 HCP	113481	1 PZ

**SOSTEGNO LATERALE STA F 100 - 100/160**



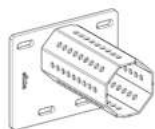
STA F 100/160	HCP	114878	1 PZ
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STA F 100/160-E	HCP	114879	1 PZ
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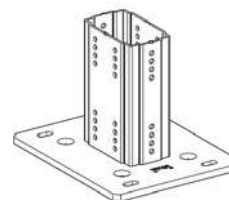
**FRAMO 100**

**SOSTEGNO LATERALE STA F 160-100-E**



STA F 160-100-E	HCP	116875	1 PZ
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**PIASTRA WBD F 100/160**



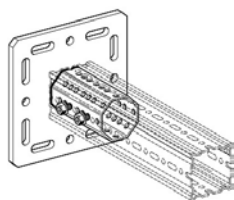
F 100/160 - 121/160	HCP	113098	1 PZ
F 100/160 - 161/200	HCP	113099	1 PZ
F 100/160 - 201/300	HCP	113100	1 PZ

**SOSTEGNO LATERALE STA F 160-Q**

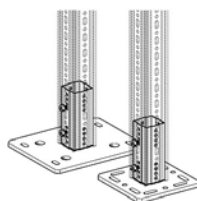


STA F 160-Q	HCP	117147	1 PZ
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**PIASTRA WBD F 100**



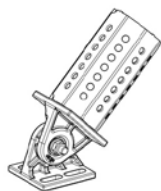
F 100-T 80/120	220×220×12 mm HCP	113079	1 PZ
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F 100 80/120	220×220×12 mm HCP	113075	1 PZ
F 100-121/160	320×260×12 mm HCP	117167	1 PZ
F 100-161/200	320×310×12 mm HCP	117168	1 PZ
F 100-201/310	420×220×12 mm HCP	117169	1 PZ

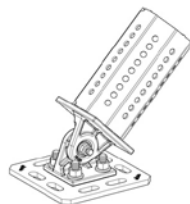
**FRAMO 100**

**GIUNTO GE F 100**



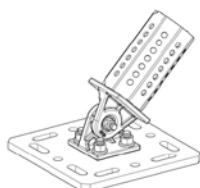
GE F100 - 100	HCP	113837	1 PZ	
GE 100 - 100 Q	HCP	113836	1 PZ	
GE F100 - 80	per SiFramo F80	HCP	113838	1 PZ
GE F100 - 80 Q	Per SiFramo F80	HCP	113032	1 PZ

**GIUNTO GE F 160**



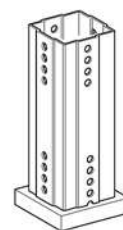
GE F 160 - 80	per SiFramo F80	HCP	115854	1 PZ
GE F 160 - 100	per SiFramo F100	HCP	115855	1 PZ

**GIUNTO GE ST F 100**

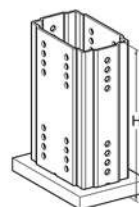


GE F 80/120 - 100	HCP	115863	1 PZ
GE F 121/160 - 100	HCP	115864	1 PZ
GE F 161/200 - 100	HCP	115866	1 PZ
GE F 201/300 - 100	HCP	115868	1 PZ

**ADATTATORE A SALDARE ASA F 100**

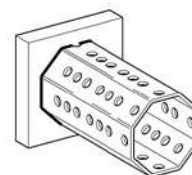


ASA F 100 HCP 113339 1 PZ



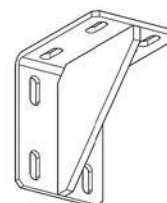
ASA F 100/160 HCP 113410 1 PZ

**ADATTATORE A SALDARE ASA F 100 GPL**

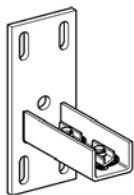


ASA F 100 GPL HCP 113080 1 PZ

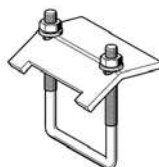
**SOSTEGNO LATERALE WD F 100**



WD F 100 140/140 HCP 113095 1 PZ

**FRAMO 100**
**ADATTATORE PER PROFILO 41/41 SA F 100**


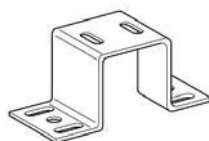
SA F 100-41	HCP	113081	1 PZ
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**PIASTRA DI ANCORAGGIO SB F 100**


SB F 100/16 mm	HCP	113082	20 PZ
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SB F 100/40 mm	HCP	113083	10 PZ
SB F 100/160-40 mm	HCP	113101	10 PZ

**SOSTEGNO TPH F 100**


TPH F 100 C	HCP	113084	10 PZ
TPH F 100/80 C	HCP	113085	10 PZ

**TAPPO TERMINALE F 100**


ADK F 100	HCP	113086	25 PZ
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ADK F 100/160	HCP	113102	25 PZ
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**PIASTRA U-UB F 100 PER UBOLT**

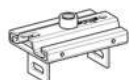

U-UB F 100	HCP	113094	50 PZ
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**SLITTA GS F 100 2G**


GS F 100 2G	M16/M10	HCP	113093	10 PZ
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**FRAMO 100**

**SLITTA GS F 1G**



GS F 100 1G      1/2"      HCP      113091      10 PZ



GS F 100 1G2      1/2"      HCP      113092      10 PZ

**COLONNA PER COPERTURE DF AV**



DF AV      117170      1 PZ

**PIASTRA DI BASE GPL F 100**



GPL F 100 - 1/2"      HCP      113089      50 PZ



GPL F 100 - M10      HCP      113338      50 PZ

GPL F 100 - M12      HCP      113646      50 PZ

GPL F 100 - M16      HCP      113090      50 PZ

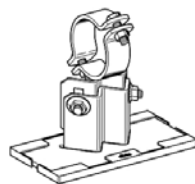


GPL F100 ST-1/2"      HCP      117266      25 PZ

GPL F100 ST-1"      HCP      117268      25 PZ

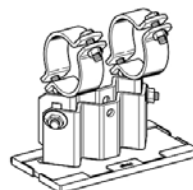
**SIMOTEC**

**SUPPORTO SCORREVOLE LA - HV**



LA - HV 90	DN 15	112386	1 PZ
LA - HV 90	DN 20	112387	1 PZ
LA - HV 90	DN 25	110035	1 PZ
LA - HV 90	DN 32	110036	1 PZ
LA - HV 90	DN 40	110037	1 PZ
LA - HV 90	DN 50	110038	1 PZ
LA - HV 90	DN 65	110039	1 PZ
LA - HV 90	DN 80	110040	1 PZ
LA - HV 90	DN 100	110041	1 PZ
LA - HV 90	DN 125	110042	1 PZ
LA - HV 90	DN 150	110043	1 PZ
LA - HV 150	DN 15	112388	1 PZ
LA - HV 150	DN 20	112389	1 PZ
LA - HV 150	DN 25	110044	1 PZ
LA - HV 150	DN 32	110045	1 PZ
LA - HV 150	DN 40	110046	1 PZ
LA - HV 150	DN 50	110047	1 PZ
LA - HV 150	DN 65	110048	1 PZ
LA - HV 150	DN 80	110049	1 PZ
LA - HV 150	DN 100	110050	1 PZ
LA - HV 150	DN 125	110051	1 PZ
LA - HV 150	DN 150	110052	1 PZ
LA - HV 200	DN 15	112390	1 PZ
LA - HV 200	DN 20	112391	1 PZ
LA - HV 200	DN 25	110053	1 PZ
LA - HV 200	DN 32	110054	1 PZ
LA - HV 200	DN 40	110055	1 PZ
LA - HV 200	DN 50	110056	1 PZ
LA - HV 200	DN 65	110057	1 PZ
LA - HV 200	DN 80	110058	1 PZ
LA - HV 200	DN 100	110059	1 PZ
LA - HV 200	DN 125	110060	1 PZ
LA - HV 200	DN 150	110061	1 PZ

**SUPPORTO SCORREVOLE LC - HV**



LC - HV 90	DN 25	110062	1 PZ
LC - HV 90	DN 65	110066	1 PZ
LC - HV 90	DN 15	112392	1 PZ
LC - HV 90	DN 20	112393	1 PZ
LC - HV 90	DN 40	110064	1 PZ
LC - HV 90	DN 50	110065	1 PZ
LC - HV 90	DN 32	110063	1 PZ
LC - HV 90	DN 80	110067	1 PZ
LC - HV 90	DN 100	110068	1 PZ
LC - HV 90	DN 125	110069	1 PZ
LC - HV 90	DN 150	110070	1 PZ
LC - HV 90	DN 200	110071	1 PZ
LC - HV 90	DN 250	110072	1 PZ
LC - HV 90	DN 300	110073	1 PZ
LC - HV 150	DN 15	112394	1 PZ
LC - HV 150	DN 20	112395	1 PZ
LC - HV 150	DN 25	110074	1 PZ
LC - HV 150	DN 32	110075	1 PZ
LC - HV 150	DN 40	110076	1 PZ
LC - HV 150	DN 50	110077	1 PZ
LC - HV 150	DN 65	110078	1 PZ
LC - HV 150	DN 80	110079	1 PZ
LC - HV 150	DN 100	110080	1 PZ
LC - HV 150	DN 125	110081	1 PZ
LC - HV 150	DN 150	110082	1 PZ
LC - HV 150	DN 200	110083	1 PZ
LC - HV 150	DN 250	110084	1 PZ
LC - HV 150	DN 300	110085	1 PZ
LC - HV 200	DN 15	112396	1 PZ
LC - HV 200	DN 20	112397	1 PZ
LC - HV 200	DN 25	110086	1 PZ
LC - HV 200	DN 32	110087	1 PZ
LC - HV 200	DN 40	110088	1 PZ
LC - HV 200	DN 50	110089	1 PZ
LC - HV 200	DN 65	110090	1 PZ
LC - HV 200	DN 80	110091	1 PZ
LC - HV 200	DN 100	110092	1 PZ
LC - HV 200	DN 125	110093	1 PZ
LC - HV 200	DN 150	110094	1 PZ
LC - HV 200	DN 200	110095	1 PZ
LC - HV 200	DN 250	110096	1 PZ
LC - HV 200	DN 300	110097	1 PZ

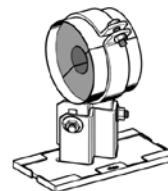
**SIMOTEC**

**SUPPORTO SCORREVOLE LD - HV**  
Diametri superiori fino a 60" a richiesta.



LD - HV 90	DN 200	112398	1 PZ
LD - HV 90	DN 250	112399	1 PZ
LD - HV 90	DN 300	112400	1 PZ
LD - HV 90	DN 350	110098	1 PZ
LD - HV 90	DN 400	110099	1 PZ
LD - HV 90	DN 500	110100	1 PZ
LD - HV 90	DN 600	110101	1 PZ
LD - HV 150	DN 200	112401	1 PZ
LD - HV 150	DN 250	112402	1 PZ
LD - HV 150	DN 300	112403	1 PZ
LD - HV 150	DN 350	110102	1 PZ
LD - HV 150	DN 400	110103	1 PZ
LD - HV 150	DN 500	110104	1 PZ
LD - HV 150	DN 600	110105	1 PZ
LD - HV 200	DN 200	112404	1 PZ
LD - HV 200	DN 250	112405	1 PZ
LD - HV 200	DN 300	112406	1 PZ
LD - HV 200	DN 350	110106	1 PZ
LD - HV 200	DN 400	110107	1 PZ
LD - HV 200	DN 500	110108	1 PZ
LD - HV 200	DN 600	110109	1 PZ

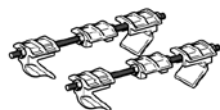
**SUPPORTO SCORREVOLE LK - HV**



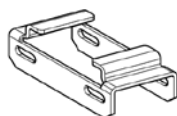
LK - HV 150	DN 25	110110	1 PZ
LK - HV 150	DN 32	110111	1 PZ
LK - HV 150	DN 40	110112	1 PZ
LK - HV 150	DN 50	110113	1 PZ
LK - HV 150	DN 65	110114	1 PZ
LK - HV 150	DN 80	110115	1 PZ



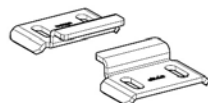
LK - HV 150	DN 100	110116	1 PZ
LK - HV 150	DN 125	110117	1 PZ
LK - HV 150	DN 150	110118	1 PZ
LK - HV 150	DN 200	110119	1 PZ
LK - HV 150	DN 250	110120	1 PZ
LK - HV 150	DN 300	110121	1 PZ

**SIMOTEC**
**SET DI ANCORAGGIO GUIDA FS**  
 per fissaggio supporti Simotec su putrelle


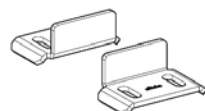
FS 80/120	110350	1 PZ
FS 140/160	110351	1 PZ
FS 180/220	110352	1 PZ
FS 240/260	110353	1 PZ
FS 280/300	112887	1 PZ

**SET DI ANCORAGGIO GUIDA FW F**  
 per fissaggio supporti Simotec su trave SiFramo


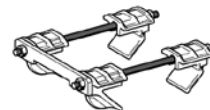
FW F 80	110349	1 PZ
FW F 100	113088	1 PZ



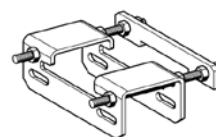
FW F 80 Z 6	HCP	113628	25 CP
FW F 80 Z 9	HCP	113629	25 CP
FW F 80 Z 12	HCP	113630	25 CP
FW F 80 Z 15	HCP	113975	25 CP
FW F 100 Z 6	HCP	113632	25 CP
FW F 100 Z 9	HCP	113633	25 CP
FW F 100 Z 12	HCP	113634	25 CP
FW F 100 Z 15	HCP	113976	25 CP



FW F 80 L	HCP	113627	25 CP
FW F 100 L	HCP	113631	25 CP

**SET DI ANCORAGGIO PUNTI FISSI XS**  
 per fissaggio supporti Simotec su putrelle


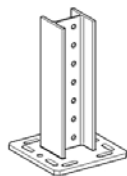
XS 80/120	110357	1 PZ
XS 140/160	110358	1 PZ
XS 180/220	110359	1 PZ
XS 240/260	110360	1 PZ
XS 280/300	110361	1 PZ

**SET DI ANCORAGGIO PUNTI FISSI XW F**  
 per fissaggio supporti Simotec su trave SiFramo


XW F 80	110356	1 PZ
XW F 100	113087	1 PZ

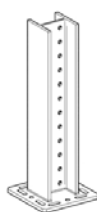
**SIMOTEC**

**MENSOLA A SBALZO TKO 100**



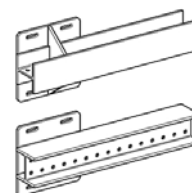
TKO 100	L= 250 mm	193099	1 PZ
TKO 100	L= 350 mm	185402	1 PZ
TKO 100	L= 400 mm	185411	1 PZ
TKO 100	L= 450 mm	185420	1 PZ
TKO 100	L= 500 mm	185429	1 PZ
TKO 100	L= 550 mm	185438	1 PZ
TKO 100	L= 600 mm	185447	1 PZ
TKO 100	L= 650 mm	185456	1 PZ
TKO 100	L= 700 mm	185465	1 PZ
TKO 100	L= 750 mm	185474	1 PZ
TKO 100	L= 800 mm	185483	1 PZ
TKO 100	L= 850 mm	185492	1 PZ
TKO 100	L= 900 mm	185501	1 PZ
TKO 100	L= 950 mm	185510	1 PZ
TKO 100	L=1000 mm	185519	1 PZ
TKO 100	L=1100 mm	185528	1 PZ
TKO 100	L=1200 mm	185537	1 PZ
TKO 100	L=1300 mm	185546	1 PZ
TKO 100	L=1400 mm	185555	1 PZ
TKO 100	L=1500 mm	185564	1 PZ
TKO 100	L=2000 mm	185573	1 PZ

**MENSOLA A SBALZO TKO 120**



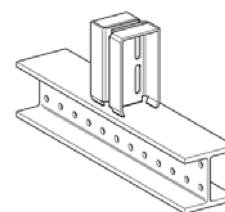
TKO 120	L= 350 mm	193150	1 PZ
TKO 120	L= 600 mm	193167	1 PZ
TKO 120	L= 800 mm	193174	1 PZ
TKO 120	L=1000 mm	193181	1 PZ
TKO 120	L=1500 mm	193198	1 PZ
TKO 120	L=2000 mm	193204	1 PZ
TKO 120	L=3000 mm	193105	1 PZ

**MENSOLA DI COLLEGAMENTO QKO**



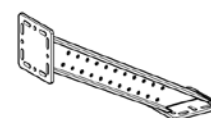
QKO 100	L= 600 mm	183917	1 PZ
QKO 100	L=1000 mm	183926	1 PZ
QKO 120	L= 600 mm	193228	1 PZ
QKO 120	L=1000 mm	193235	1 PZ
QKO-Q 100	L= 600 mm	183935	1 PZ
QKO-Q 100	L=1000 mm	183944	1 PZ
QKO-Q 120	L= 600 mm	193242	1 PZ
QKO-Q 120	L=1000 mm	193259	1 PZ

**ADATTATORE A "T" TA**

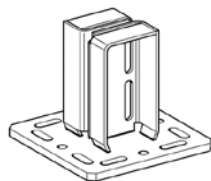


TA 100x400	L=200 mm	191081	1 PZ
TA 100x400	L=400 mm	191166	1 PZ
TA 100x400	L=600 mm	191099	1 PZ
TA 120x400	L=200 mm	193112	1 PZ
TA 120x400	L=400 mm	193129	1 PZ
TA 120x400	L=600 mm	193136	1 PZ

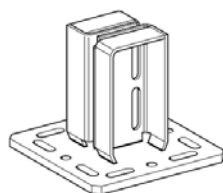
**MENSOLA INCLINATA SKO 100 30°**



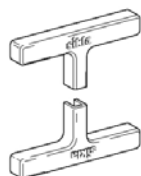
SKO 100 30°	L=760 mm	191531	1 PZ
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**SIMOTEC**
**PIASTRA DI ANCORAGGIO STA 100**


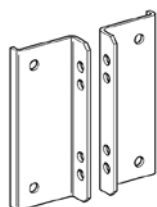
STA 100	183971	1 PZ
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**PIASTRA DI ANCORAGGIO STA 120**


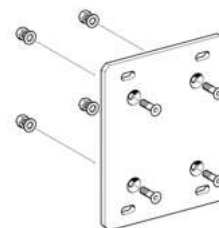
STA 120	193211	1 PZ
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**TAPPO TERMINALE ADK**


ADK 100	190433	50 PZ
ADK 120	173189	50 PZ

**PIASTRA DI ANCORAGGIO FV 100/120**


FV 100/120	187616	1 PZ
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**PIASTRA AP**


AP 121/160	183953	1 PZ
AP 161/200	183962	1 PZ
AP 201/240	116534	1 PZ
AP 241/310	117767	1 PZ

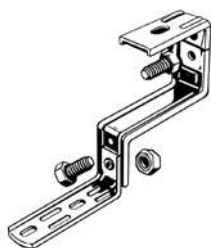
**SOLARE**

**GANCIO REGOLABILE GRT HCP**



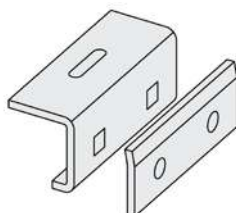
GRT HCP 182697 25 PZ

**GANCIO REGOLABILE GRU HCP**



GRU HCP 182703 25 PZ

**GANCIO GMI INOX A2  
per lamiera piegata**



GMI A2 182731 10 PZ

**VITE DOPPIO FILETTO**



M12x300 mm A50924 100 PZ

**AGGANCI TERMINALE PVE**



PVE-E 28-50 mm HCP 193297 50 PZ

**AGGANCI INTERMEDIO PVE-M**



PVE-M 28-50 mm HCP 193303 50 PZ

**AGGANCI TERMINALE PV1-E**



PV1-E 35-50 mm alluminio 199503 50 PZ

**AGGANCI INTERMEDIO PV1-M**



PV1-M 35-50 mm alluminio 199510 50 PZ

**SIMETRIX****PROFILI**

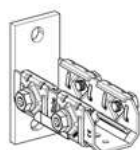
46	2m	HCP	802157	2 MT
46	6m	HCP	802156	6 MT



46-P	2m	HCP	802153	2 MT
46-P	6m	HCP	802152	6 MT

**MENSOLE**

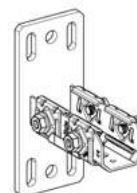
AK 46-P	L= 200 mm	HCP	802209	10 PZ
AK 46-P	L= 400 mm	HCP	802210	10 PZ
AK 46-P	L= 600 mm	HCP	802211	1 PZ
AK 46-P	L= 800 mm	HCP	802212	1 PZ
AK 46-P	L= 1000 mm	HCP	802213	1 PZ
AK CC 46-P	L= 200 mm	HCP	802214	10 PZ
AK CC 46-P	L= 400 mm	HCP	802215	10 PZ
AK CC 46-P	L= 600 mm	HCP	802216	1 PZ
AK CC 46-P	L= 800 mm	HCP	802217	1 PZ
AK CC 46-P	L= 1000 mm	HCP	802218	1 PZ

**SUPPORTI**

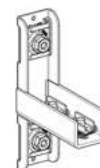
WBD 46		HCP	803544	5 PZ
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**CONNETTORI**

CN 46		HCP	803545	25 PZ
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**ADATTATORI**

F 80-46		HCP	802150	5 PZ
F100-46		HCP	802151	5 PZ

**ADATTORI PER PROFILI**

SA PRO 46-27		HCP	803541	10 PZ
SA PRO 46-41		HCP	803542	10 PZ

**OMEGA**

MPH F 80-46		HCP	802546	15 PZ
MPH F 100-46		HCP	802547	10 PZ
MPH PRO 46-41		HCP	803866	10 PZ

**SIMETRIX**

**ANCORAGGIO**



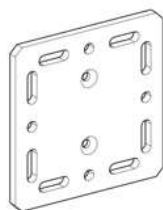
SB 46                      M10                      HCP                      803870                      20 PZ

**PROLUNGA**



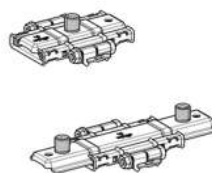
PK 46                                              HCP                      802159                      1 PZ

**PIASTRA**



AP 46 80 120                                      HCP                      802158                      1 PZ

**SLITTA**



H3G PL 46                                      HCP                      803868                      10 PZ  
H3G2 PL 46                                      HCP                      803869                      10 PZ

**U-BOLT**



46 21 3 mm	1/2"	HCP	805053	50 PZ
46 26 9 mm	3/4"	HCP	805054	50 PZ
46 33 7 mm	1"	HCP	805055	50 PZ
46 42 4 mm	1 1/4"	HCP	805056	50 PZ
46 48 3 mm	1 1/2"	HCP	805057	50 PZ
46 60 3 mm	2"	HCP	805058	50 PZ
46 76 1 mm	2 1/2"	HCP	805059	50 PZ
46 88 9 mm	3"	HCP	805060	50 PZ
46 108 mm		HCP	805061	25 PZ
46 114 mm	4"	HCP	805062	25 PZ
46 133 mm		HCP	805063	25 PZ
46 139 mm	5"	HCP	805064	25 PZ
46 159 mm		HCP	805065	10 PZ
46 168 mm	6"	HCP	805066	10 PZ
46 219 mm	8"	HCP	805067	10 PZ

**GANCIO**



MPK 46                      M16                      HCP                      803865                      100 PZ

**SIMETRIX****GRIFFA DI BLOCCAGGIO**

46 M 6	HCP	803546	25 PZ
46 M 8	HCP	803547	25 PZ
46 M 10	HCP	803548	25 PZ
46 M12	HCP	803549	25 PZ
46 M16	HCP	803550	25 PZ



46	1/2"	HCP	803551	25 PZ
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**VITE DI BLOCCAGGIO**

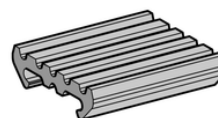
46 M 8 X 50	HCP	803552	25 PZ
46 M 8 X 90	HCP	803553	25 PZ
46 M 8 X 140	HCP	803554	25 PZ
46 M10 X 50	HCP	803555	25 PZ
46 M10 X 90	HCP	803556	25 PZ
46 M10 X 140	HCP	803557	25 PZ

**SUPPORTO SCORREVOLE**

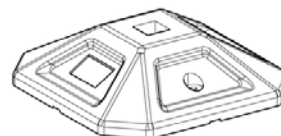
GA 41 46	HCP	803871	1 PZ
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**TAPPO TERMINALE**

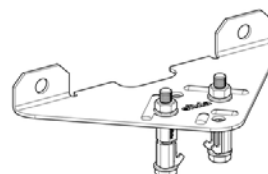
ADK 46	HCP	802148	50 PZ	0,79
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**PROFILATO IN GOMMA**

SAL 46	HCP	802160	1 PZ
SAL 46 L 50	HCP	802161	100 PZ

**PIASTRA ISOLATA SHN SQF**

SHB SQF 46	350	HCP	803651	1 PZ
SHB SQF 46	500	HCP	803652	1 PZ

**SAETTA DI RINFORZO**

CFB 46	HCP	803640	10 PZ
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# GIUNTI E RACCORDI SCANALATI



**RACCORDI SCANALATI VERNICIATI**

**GIUNTO RIGIDO R270P**  
Attenzione: utilizzare lubrificante!



GIUNTI E RACCORDI SCANALATI

33,7 mm	1"	R270P034	58 PZ
42,4 mm	1"¼	R270P042	45 PZ
48,3 mm	1"½	R270P048	40 PZ
60,3 mm	2"	R270P060	32 PZ
76,1 mm	2"½	R270P076	27 PZ
88,9 mm	3"	R270P089	20 PZ
114,3 mm	4"	R270P114	18 PZ
139,7 mm	5"	R270P139	12 PZ
168,3 mm	6"	R270P168	12 PZ
219,1 mm	8"	R270P219	6 PZ
273,0 mm	10"	R270P273	4 PZ
323,9 mm	12"	R270P324	3 PZ

**GIUNTO RIDOTTO 240**  
Attenzione: utilizzare lubrificante!



60,3x 33,7 mm	2"×1"	240060034	32 PZ
60,3x 48,3 mm	2"×1"½	240060048	32 PZ
76,1x 60,3 mm	2"½×2"	240076060	26 PZ
88,9x 60,3 mm	3"×2"	240089060	20 PZ
88,9x 76,1 mm	3"×2"½	240089076	20 PZ
114,3x 60,3 mm	4"×2"	240114060	14 PZ
114,3x 76,1 mm	4"×2"½	240114076	14 PZ
114,3x 88,9 mm	4"×3"	240114089	14 PZ
139,7x114,3 mm	5"×4"	240139114	12 PZ
168,3x114,3 mm	6"×4"	240168114	8 PZ
168,3x139,7 mm	6"×5"	240168139	12 PZ
219,1x168,3 mm	8"×6"	240219168	5 PZ

**CURVA 90P**



**GIUNTO FLESSIBILE F270P**  
Attenzione: utilizzare lubrificante!



42,4 mm	1"¼	F270P042	45 PZ
48,3 mm	1"½	F270P048	40 PZ
60,3 mm	2"	F270P060	32 PZ
76,1 mm	2"½	F270P076	27 PZ
88,9 mm	3"	F270P089	20 PZ
114,3 mm	4"	F270P114	18 PZ
33,7 mm	1"	F270P034	58 PZ
139,7 mm	5"	F270P139	12 PZ
168,3 mm	6"	F270P168	11 PZ
219,1 mm	8"	F270P219	7 PZ
273,0 mm	10"	F270P273	5 PZ
323,9 mm	12"	F270P324	4 PZ

33,7 mm	L= 57 mm	1"	90P034	120 PZ
42,4 mm	L= 60 mm	1"¼	90P042	66 PZ
48,3 mm	L= 60 mm	1"½	90P048	60 PZ
60,3 mm	L= 70 mm	2"	90P060	43 PZ
76,1 mm	L= 76 mm	2"½	90P076	36 PZ
88,9 mm	L= 86 mm	3"	90P089	24 PZ
114,3 mm	L=102 mm	4"	90P114	12 PZ
139,7 mm	L=122 mm	5"	90P139	6 PZ
168,3 mm	L=140 mm	6"	90P168	3 PZ
219,1 mm	L=175 mm	8"	90P219	1 PZ
273,0 mm	L=215 mm	10"	90P273	1 PZ
323,9 mm	L=245 mm	12"	90P324	1 PZ

**RACCORDI SCANALATI VERNICIATI**

**CURVA 120P**



33,7 mm	L= 45 mm	1"	120P034	136 PZ
42,4 mm	L= 45 mm	1"¼	120P042	84 PZ
48,3 mm	L= 45 mm	1"½	120P048	62 PZ
60,3 mm	L= 50 mm	2"	120P060	35 PZ
76,1 mm	L= 55 mm	2"½	120P076	40 PZ
88,9 mm	L= 55 mm	3"	120P089	30 PZ
114,3 mm	L= 60 mm	4"	120P114	9 PZ
139,7 mm	L= 70 mm	5"	120P139	8 PZ
168,3 mm	L= 70 mm	6"	120P168	6 PZ
219,1 mm	L= 90 mm	8"	120P219	2 PZ
273,0 mm	L=112 mm	10"	120P273	2 PZ
323,9 mm	L=120 mm	12"	120P324	2 PZ

**RACCORDO A T 130P**



33,7 mm	L= 57 mm	1"	130P034	72 PZ
42,4 mm	L= 60 mm	1"¼	130P042	34 PZ
48,3 mm	L= 60 mm	1"½	130P048	34 PZ
60,3 mm	L= 70 mm	2"	130P060	30 PZ
76,1 mm	L= 76 mm	2"½	130P076	22 PZ
88,9 mm	L= 86 mm	3"	130P089	18 PZ
114,3 mm	L= 102 mm	4"	130P114	8 PZ
139,7 mm	L=122 mm	5"	130P139	4 PZ
168,3 mm	L=140 mm	6"	130P168	2 PZ
219,1 mm	L=175 mm	8"	130P219	1 PZ
273,0 mm	L=215 mm	10"	130P273	1 PZ
323,9 mm	L=245 mm	12"	130P324	1 PZ

GIUNTI E RACCORDI SCANALATI

**CURVE 22,5°**



76,1 mm	2"½	220P076	28 PZ
88,9 mm	3"	220P089	40 PZ
114,3 mm	4"	220P114	18 PZ
139,7 mm	5"	220P139	10 PZ
168,3 mm	6"	220P168	8 PZ
219,1 mm	8"	220P219	2 PZ

**CROCE 180**



60,3 mm	2"	180060	28 PZ
76,1 mm	2"½	180076	16 PZ
88,9 mm	3"	180089	8 PZ
114,3 mm	4"	180114	4 PZ
139,7 mm	5"	180139	2 PZ
168,3 mm	6"	180168	2 PZ

**CURVE 11,25°**



76,1 mm	2"½	110P076	35 PZ
88,9 mm	3"	110P089	32 PZ
114,3 mm	4"	110P114	24 PZ
139,7 mm	5"	110P139	15 PZ
168,3 mm	6"	110P168	10 PZ
219,1 mm	8"	110P219	4 PZ

**RACCORDI SCANALATI VERNICIATI**

**RIDUZIONE 241P**



GIUNTI E RACCORDI SCANALATI

42,4x 33,7 mm	1"¼x1"	241P042034	128 PZ
48,3x 33,7 mm	1"½x1"	241P048034	115 PZ
48,3x 42,4 mm	1"½x1"¼	241P048042	110 PZ
60,3x 33,7 mm	2"x1"	241P060034	88 PZ
60,3x 42,4 mm	2"x1"¼	241P060042	80 PZ
60,3x 48,3 mm	2"x1"½	241P060048	75 PZ
76,1x 42,4 mm	2"½x1"¼	241P076042	63 PZ
76,1x 48,3 mm	2"½x1"½	241P076048	63 PZ
76,1x 60,3 mm	2"½x2"	241P076060	63 PZ
88,9x 42,4 mm	3"x1"¼	241P089042	45 PZ
88,9x 48,3 mm	3"x1"½	241P089048	45 PZ
88,9x 60,3 mm	3"x2"	241P089060	45 PZ
88,9x 76,1 mm	3"x2"½	241P089076	38 PZ
114,3x 48,3 mm	4"x1"½	241P114048	27 PZ
114,3x 60,3 mm	4"x2"	241P114060	27 PZ
114,3x 76,1 mm	4"x2"½	241P114076	27 PZ
114,3x 88,9 mm	4"x3"	241P114089	27 PZ
139,7x 76,1 mm	5"x2"½	241P139076	15 PZ
139,7x 88,9 mm	5"x3"	241P139089	15 PZ
139,7x114,3 mm	5"x4"	241P139114	15 PZ
168,3x 60,3 mm	6"x2"	241P168060	20 PZ
168,3x 76,1 mm	6"x2"½	241P168076	20 PZ
168,3x 88,9 mm	6"x3"	241P168089	20 PZ
168,3x114,3 mm	6"x4"	241P168114	20 PZ
168,3x139,7 mm	6"x5"	241P168139	12 PZ
219,1x 76,1 mm	8"x2"½	241P219076	10 PZ
219,1x114,3 mm	8"x3"	241P219089	10 PZ
219,1x114,3 mm	8"x4"	241P219114	10 PZ
219,1x139,7 mm	8"x5"	241P219139	10 PZ
219,1x168,3 mm	8"x6"	241P219168	10 PZ
273,0x168,3 mm	10"x6"	241P273168	8 PZ
273,0x219,1 mm	10"x8"	241P273219	7 PZ
329,3x273,0 mm	12"x10"	241P324273	5 PZ

**TAPPO 300**



42,4 mm	1"¼	300042	250 PZ
48,3 mm	1"½	300048	185 PZ
60,3 mm	2"	300060	150 PZ
76,1 mm	2"½	300076	105 PZ
88,9 mm	3"	300089	72 PZ
114,3 mm	4"	300114	45 PZ
139,7 mm	5"	300139	27 PZ
168,3 mm	6"	300168	20 PZ
219,1 mm	8"	300219	14 PZ
273,0 mm	10"	300273	8 PZ
323,9 mm	12"	300324	5 PZ

**TAPPO CON FORO 300R**



60,3x 48,3 mm	2"x1"½	300R060048	120 PZ
76,1x 60,3 mm	2"½x2"	300R076060	75 PZ
88,9x 60,3 mm	3"x2"	300R089060	55 PZ
114,3x 60,3 mm	4"x2"	300R114060	32 PZ
139,7x 60,3 mm	5"x2"	300R139060	18 PZ
168,3x 60,3 mm	6"x2"	300R168060	12 PZ
219,1x 60,3 mm	8"x2"	300R219060	6 PZ

**RACCORDI SCANALATI VERNICIATI**

TRONCHETTO SCANALATO CON  
FLANGIA 2278



60,3 mm	2"	2278PN16060	20 PZ
76,1 mm	2"½	2278PN16076	16 PZ
88,9 mm	3"	2278PN16089	15 PZ
114,3 mm	4"	2278PN16114	9 PZ
139,7 mm	5"	2278PN16139	7 PZ
168,3 mm	6"	2278PN16168	6 PZ
219,1 mm	8"	2278PN16219	2 PZ
273,0 mm	10"	2278PN16273	2 PZ
323,9 mm	12"	2278PN16324	2 PZ

ADATTATORE A FLANGIA 7012 PN  
16



60,3 mm	2"	7012060	18 PZ
76,1 mm	2"½	7012076	12 PZ
88,9 mm	3"	7012089	10 PZ
114,3 mm	4"	7012114	10 PZ
139,7 mm	5"	7012139	8 PZ
168,3 mm	6"	7012168	7 PZ
219,1 mm	8"	7012219	4 PZ
273,0 mm	10"	7012273	5 PZ
323,9 mm	12"	7012324	5 PZ

**GUARNIZIONI PER ADATTATORE A FLANGIA 7012**



2"	7012060G	1 PZ
2 1/2"	7012076G	1 PZ
3"	7012089G	1 PZ
4"	7012114G	1 PZ
5"	7012139G	1 PZ
6"	7012168G	1 PZ
8"	7012219G	1 PZ
10"	7012273G	1 PZ
12"	7012324G	1 PZ

**DERIVAZIONE A STAFFA  
SCANALATA 73P**

Attenzione: utilizzare lubrificante!  
rispettare coppia di serraggio



GIUNTI E RACCORDI SCANALATI

60,3x 42,4 mm	Ø foro 46 mm	2" x 1" 1/4	73P060042	34 PZ
60,3x 48,3 mm	Ø foro 46 mm	2" x 1" 1/2	73P060048	34 PZ
76,1x 42,4 mm	Ø foro 46 mm	2" 1/2 x 1" 1/4	73P076042	24 PZ
76,1x 48,3 mm	Ø foro 54 mm	2" 1/2 x 1" 1/2	73P076048	18 PZ
76,1x 60,3 mm	Ø foro 54 mm	2" 1/2 x 2"	73P076060	20 PZ
88,9x 42,4 mm	Ø foro 46 mm	3" x 1" 1/4	73P089042	20 PZ
88,9x 48,3 mm	Ø foro 54 mm	3" x 1" 1/2	73P089048	20 PZ
88,9x 60,3 mm	Ø foro 64 mm	3" x 2"	73P089060	26 PZ
114,3x 42,4 mm	Ø foro 46 mm	4" x 1" 1/4	73P114042	16 PZ
114,3x 48,3 mm	Ø foro 54 mm	4" x 1" 1/2	73P114048	16 PZ
114,3x 60,3 mm	Ø foro 64 mm	4" x 2"	73P114060	19 PZ
114,3x 76,1 mm	Ø foro 79 mm	4" x 2" 1/2	73P114076	15 PZ
114,3x 88,9 mm	Ø foro 92 mm	4" x 3"	73P114089	14 PZ
139,7x 42,4 mm	Ø foro 46 mm	5" x 1" 1/4	73P139042	17 PZ
139,7x 48,3 mm	Ø foro 54 mm	5" x 1" 1/2	73P139048	14 PZ
139,7x 60,3 mm	Ø foro 64 mm	5" x 2"	73P139060	14 PZ
139,7x 76,1 mm	Ø foro 79 mm	5" x 2" 1/2	73P139076	14 PZ
139,7x 88,9 mm	Ø foro 92 mm	5" x 3"	73P139089	12 PZ
168,3x 42,4 mm	Ø foro 44 mm	6" x 1" 1/4	73P168042	14 PZ
168,3x 48,3 mm	Ø foro 54 mm	6" x 1" 1/2	73P168048	14 PZ
168,3x 60,3 mm	Ø foro 64 mm	6" x 2"	73P168060	12 PZ
168,3x 76,1 mm	Ø foro 79 mm	6" x 2" 1/2	73P168076	10 PZ
168,3x 88,9 mm	Ø foro 92 mm	6" x 3"	73P168089	10 PZ
168,3x 114,3 mm	Ø foro 114 mm	6" x 4"	73P168114	8 PZ
219,1x 60,3 mm	Ø foro 64 mm	8" x 2"	73P219060	6 PZ
219,1x 76,1 mm	Ø foro 79 mm	8" x 2" 1/2	73P219076	6 PZ
219,1x 88,9 mm	Ø foro 92 mm	8" x 3"	73P219089	6 PZ
219,1x 114,3 mm	Ø foro 114 mm	8" x 4"	73P219114	6 PZ

**DERIVAZIONE A STAFFA  
FILETTATA 72P**

Attenzione: utilizzare lubrificante!  
rispettare coppia di serraggio



60,3x 42,4 mm	Ø foro 46 mm	2" x 1" 1/4	72P060042	34 PZ
60,3x 48,3 mm	Ø foro 46 mm	2" x 1" 1/2	72P060048	30 PZ
76,1x 42,4 mm	Ø foro 46 mm	2" 1/2 x 1" 1/4	72P076042	24 PZ
76,1x 48,3 mm	Ø foro 54 mm	2" 1/2 x 1" 1/2	72P076048	24 PZ
88,9x 21,3 mm	Ø foro 38 mm	3" x 1/2"	72P089021	28 PZ
88,9x 27,9 mm	Ø foro 38 mm	3" x 3/4"	72P089027	26 PZ
88,9x 33,7 mm	Ø foro 38 mm	3" x 1"	72P089034	26 PZ
88,9x 42,4 mm	Ø foro 46 mm	3" x 1" 1/4	72P089042	24 PZ
88,9x 48,3 mm	Ø foro 54 mm	3" x 1" 1/2	72P089048	24 PZ
88,9x 60,3 mm	Ø foro 64 mm	3" x 2"	72P089060	20 PZ
114,3x 21,3 mm	Ø foro 38 mm	4" x 1/2"	72P114021	20 PZ
114,3x 27,9 mm	Ø foro 38 mm	4" x 3/4"	72P114027	20 PZ
114,3x 33,7 mm	Ø foro 38 mm	4" x 1"	72P114034	20 PZ
114,3x 42,4 mm	Ø foro 46 mm	4" x 1" 1/4	72P114042	20 PZ
114,3x 48,3 mm	Ø foro 54 mm	4" x 1" 1/2	72P114048	16 PZ
114,3x 60,3 mm	Ø foro 64 mm	4" x 2"	72P114060	18 PZ
114,3x 76,1 mm	Ø foro 79 mm	4" x 2" 1/2	72P114076	16 PZ
139,7x 21,3 mm	Ø foro 38 mm	5" x 1/2"	720F139021	12 PZ
139,7x 33,7 mm	Ø foro 38 mm	5" x 1"	72P139034	12 PZ
139,7x 42,4 mm	Ø foro 46 mm	5" x 1" 1/4	72P139042	18 PZ
139,7x 48,3 mm	Ø foro 54 mm	5" x 1" 1/2	72P139048	16 PZ
139,7x 60,3 mm	Ø foro 64 mm	5" x 2"	72P139060	16 PZ
139,7x 76,1 mm	Ø foro 79 mm	5" x 2" 1/2	72P139076	16 PZ
139,7x 88,9 mm	Ø foro 92 mm	5" x 3"	72P139089	14 PZ
168,3x 21,3 mm	Ø foro 38 mm	6" x 1/2"	720F168021	10 PZ
168,3x 27,9 mm	Ø foro 38 mm	6" x 3/4"	720F168027	10 PZ
168,3x 33,7 mm	Ø foro 38 mm	6" x 1"	72P168034	10 PZ
168,3x 42,4 mm	Ø foro 46 mm	6" x 1" 1/4	720F168042	10 PZ
168,3x 48,3 mm	Ø foro 54 mm	6" x 1" 1/2	720F168048	10 PZ
168,3x 60,3 mm	Ø foro 64 mm	6" x 2"	72P168060	10 PZ
168,3x 76,1 mm	Ø foro 79 mm	6" x 2" 1/2	72P168076	10 PZ
168,3x 88,9 mm	Ø foro 92 mm	6" x 3"	72P168089	10 PZ
168,3x 88,9 mm	Ø foro 92 mm	6" x 3"	720F168089	10 PZ

**RACCORDI SCANALATI VERNICIATI**

**DERIVAZIONE A STAFFA  
FILETTATA 71P**



33,7× 21,3 mm	Ø foro 22 mm	1"×½"	71P034021	84 PZ
42,4× 21,3 mm	Ø foro 32 mm	1"¼×½"	71P042021	84 PZ
42,4× 27,9 mm	Ø foro 32 mm	1"¼×¾"	71P042027	81 PZ
42,4× 33,7 mm	Ø foro 32 mm	1"¼×1"	71P042034	68 PZ
48,3× 21,3 mm	Ø foro 32 mm	1"½×½"	71P048021	84 PZ
48,3× 27,9 mm	Ø foro 32 mm	1"½×¾"	71P048027	81 PZ
48,3× 33,7 mm	Ø foro 32 mm	1"½×1"	71P048034	68 PZ
60,3× 21,3 mm	Ø foro 32 mm	2"×½"	71P060021	80 PZ
60,3× 27,9 mm	Ø foro 32 mm	2"×¾"	71P060027	78 PZ
60,3× 33,7 mm	Ø foro 32 mm	2"×1"	71P060034	64 PZ
76,1× 21,3 mm	Ø foro 32 mm	2"½×½"	71P076021	60 PZ
76,1× 27,9 mm	Ø foro 32 mm	2"½×¾"	71P076027	60 PZ
76,1× 33,7 mm	Ø foro 32 mm	2"½×1"	71P076034	48 PZ

**RACCORDI SCANALATI ZINCATI A CALDO**

**GIUNTO RIGIDO R270P**



GIUNTI E RACCORDI SCANALATI

33,7 mm	1"	R270P034Z	58 PZ
42,4 mm	1"¼	R270P042Z	45 PZ
48,3 mm	1"½	R270P048Z	40 PZ
60,3 mm	2"	R270P060Z	32 PZ
76,1 mm	2"½	R270P076Z	27 PZ
88,9 mm	3"	R270P089Z	20 PZ
114,3 mm	4"	R270P114Z	18 PZ
139,7 mm	5"	R270P139Z	12 PZ
168,3 mm	6"	R270P168Z	12 PZ
219,1 mm	8"	R270P219Z	6 PZ
273,0 mm	10"	R270P273Z	4 PZ
323,9 mm	12"	R270P324Z	3 PZ

**GIUNTO RIDOTTO**

Attenzione: utilizzare lubrificante!



76,1× 60,3 mm	2"½×2"	240076060Z	26 PZ
88,9× 60,3 mm	3"×2"	240089060Z	20 PZ
88,9× 76,1 mm	3"×2"½	240089076Z	20 PZ
114,3× 60,3 mm	4"×2"	240114060Z	14 PZ
114,3× 88,9 mm	4"×3"	240114089Z	14 PZ
168,3×114,3 mm	6"×4"	240168114Z	8 PZ

**CURVA 90P**



33,7 mm	1"	90P034Z	120 PZ
42,4 mm	1"¼	90P042Z	66 PZ
48,3 mm	1"½	90P048Z	60 PZ
60,3 mm	2"	90P060Z	43 PZ
76,1 mm	2"½	90P076Z	36 PZ
88,9 mm	3"	90P089Z	24 PZ
114,3 mm	4"	90P114Z	12 PZ
139,7 mm	5"	90P139Z	6 PZ
168,3 mm	6"	90P168Z	3 PZ
219,1 mm	8"	90P219Z	1 PZ
273,0 mm	10"	90P273Z	1 PZ
323,9 mm	12"	90P324Z	1 PZ

**GIUNTO FLESSIBILE F270P**



42,4 mm	1"¼	F270P042Z	45 PZ
48,3 mm	1"½	F270P048Z	40 PZ
60,3 mm	2"	F270P060Z	32 PZ
76,1 mm	2"½	F270P076Z	27 PZ
88,9 mm	3"	F270P089Z	20 PZ
139,7 mm	5"	F270P139Z	12 PZ
168,3 mm	6"	F270P168Z	11 PZ
219,1 mm	8"	F270P219Z	6 PZ
273,0 mm	10"	F270P273Z	4 PZ
323,9 mm	12"	F270P324Z	3 PZ

**RACCORDI SCANALATI ZINCATI A CALDO**

**CURVA 120P**



48,3 mm	1"½	120P048Z	62 PZ
60,3 mm	2"	120P060Z	35 PZ
76,1 mm	2"½	120P076Z	40 PZ
88,9 mm	3"	120P089Z	30 PZ
114,3 mm	4"	120P114Z	9 PZ
139,7 mm	5"	120P139Z	8 PZ
168,3 mm	6"	120P168Z	6 PZ
219,1 mm	8"	120P219Z	2 PZ
273,0 mm	10"	120P273Z	2 PZ
323,9 mm	12"	120P324Z	2 PZ

**RACCORDO A T 130P**



33,7 mm	1"	130P034Z	72 PZ
48,3 mm	1"½	130P048Z	34 PZ
60,3 mm	2"	130P060Z	30 PZ
76,1 mm	2"½	130P076Z	22 PZ
88,9 mm	3"	130P089Z	18 PZ
114,3 mm	4"	130P114Z	8 PZ
139,7 mm	5"	130P139Z	4 PZ
168,3 mm	6"	130P168Z	2 PZ
219,1 mm	8"	130P219Z	1 PZ
273,0 mm	10"	130P273Z	1 PZ
323,9 mm	12"	130P324Z	1 PZ

**RIDUZIONE 241P**



48,3x 42,4 mm	1"½x1" ¼	241P048042z	50 PZ
60,3x 48,3 mm	2"x1" ½	241P060048Z	75 PZ
76,1x 48,3 mm	2"½x1"½	241P076048Z	63 PZ
76,1x 60,3 mm	2"½x2"	241P076060Z	63 PZ
88,9x 48,3 mm	3"x1"½	241P089048Z	45 PZ
88,9x 60,3 mm	3"x2"	241P089060Z	45 PZ
88,9x 42,4 mm	3"x1"¼	241P089042Z	45 PZ
88,9x 76,1 mm	3"x2"½	241P089076Z	38 PZ
114,3x 60,3 mm	4"x2"	241P114060Z	27 PZ
114,3x 76,1 mm	4"x2"½	241P114076Z	27 PZ
114,3x 88,9 mm	4"x3"	241P114089Z	27 PZ
139,7x 76,1 mm	5"x2"½	241P139076Z	15 PZ
139,7x 88,9 mm	5"x3"	241P139089Z	15 PZ
139,7x114,3 mm	5"x4"	241P139114Z	15 PZ
168,3x 76,1 mm	6"x2"½	241P168076Z	20 PZ
168,3x 88,9 mm	6"x3"	241P168089Z	20 PZ
168,3x114,3 mm	6"x4"	241P168114Z	20 PZ
168,3x139,7 mm	6"x5"	241P168139Z	12 PZ
219,1x88,9MM	8"x3"	241P219089Z	10 PZ
219,1x114,3 mm	8"x4"	241P219114Z	10 PZ
219,1x168,3 mm	8"x6"	241P219168Z	10 PZ
273,0x219,1 mm	10"x8"	241P273219Z	7 PZ

**TAPPO 300**



42,4 mm	1"¼	300042Z	250 PZ
48,3 mm	1"½	300048Z	185 PZ
60,3 mm	2"	300060Z	150 PZ
76,1 mm	2"½	300076Z	105 PZ
88,9 mm	3"	300089Z	72 PZ
114,3 mm	4"	300114Z	45 PZ
139,7 mm	5"	300139Z	27 PZ
168,3 mm	6"	300168Z	20 PZ
219,1 mm	8"	300219Z	14 PZ
273,0 mm	10"	300273Z	8 PZ
323,9 mm	12"	300324Z	5 PZ

**RACCORDI SCANALATI ZINCATI A CALDO**

**TAPPO CON FORO 300R**



60,3x 48,3 mm	2" x 1 1/2"	300R060048Z	120 PZ
76,1x 60,3 mm	2 1/2 x 2"	300R076060Z	75 PZ
114,3x 60,3 mm	4" x 2"	300R114060Z	32 PZ
139,7x 60,3 mm	5" x 2"	300R139060Z	18 PZ
168,3x 60,3 mm	6" x 2"	300R168060Z	12 PZ
219,1x 60,3 mm	8" x 2"	300R219060Z	6 PZ

GIUNTI E RACCORDI SCANALATI

**ADATTATORE A FLANGIA 7012 PN16**

Attenzione: utilizzare lubrificante!



60,3 mm	2"	7012060Z	18 PZ
76,1 mm	2 1/2"	7012076Z	12 PZ
88,9 mm	3"	7012089Z	10 PZ
114,3 mm	4"	7012114Z	10 PZ
139,7 mm	5"	7012139Z	8 PZ
168,3 mm	6"	7012168Z	7 PZ
219,1 mm	8"	7012219Z	4 PZ
273,0 mm	10"	7012273Z	5 PZ

**TRONCHETTO SCANALATO CON FLANGIA PN16**



60,3 mm	2"	2278PN16060Z	20 PZ
76,1 mm	2 1/2"	2278PN16076Z	16 PZ
88,9 mm	3"	2278PN16089Z	15 PZ
114,3 mm	4"	2278PN16114Z	9 PZ
139,7 mm	5"	2278PN16139Z	7 PZ
168,3 mm	6"	2278PN16168Z	6 PZ
219,1 mm	8"	2278PN16219Z	2 PZ
273,0 mm	10"	2278PN16273Z	2 PZ

**DERIVAZIONE A STAFFA SCANALATA 73P Z**



60,3x 42,4 mm	2" x 1 1/4"	73P060042Z	34 PZ
60,3x 48,3 mm	2" x 1 1/2"	73P060048Z	34 PZ
76,1x 42,4 mm	2 1/2 x 1 1/4"	73P076042Z	24 PZ
76,1x 48,3 mm	2 1/2 x 1 1/2"	73P076048Z	20 PZ
88,9x 42,4 mm	3" x 1 1/4"	73P089042Z	20 PZ
88,9x 48,3 mm	3" x 1 1/2"	73P089048Z	20 PZ
88,9x 60,3 mm	3" x 2"	73P089060Z	26 PZ
114,3x 42,4 mm	4" x 1 1/4"	73P114042Z	16 PZ
114,3x 48,3 mm	4" x 1 1/2"	73P114048Z	16 PZ
114,3x 60,3 mm	4" x 2"	73P114060Z	19 PZ
114,3x 76,1 mm	4" x 2 1/2"	73P114076Z	15 PZ
114,3x 88,9 mm	4" x 3"	73P114089Z	14 PZ
139,7x 42,4 mm	5" x 1 1/4"	720S139042Z	17 PZ
139,7x 48,3 mm	5" x 1 1/2"	720S139048Z	14 PZ
139,7x 76,1 mm	5" x 2"	73P139060Z	14 PZ
139,7x 76,1 mm	5" x 2 1/2"	73P139076Z	14 PZ
139,7x 88,9 mm	5" x 3"	73P139089Z	12 PZ
168,3x 42,4 mm	6" x 1 1/4"	720S168042Z	14 PZ
168,3x 48,3 mm	6" x 1 1/2"	73P168048Z	14 PZ
168,3x 60,3 mm	6" x 2"	73P168060Z	12 PZ
168,3x 76,1 mm	6" x 2 1/2"	73P168076Z	10 PZ
168,3x 88,9 mm	6" x 3"	73P168089Z	10 PZ
168,3x 114,3 mm	6" x 4"	73P168114Z	8 PZ
219,1x 76,1 mm	8" x 2 1/2"	73P219076Z	6 PZ

**RACCORDI SCANALATI ZINCATI A CALDO**

**DERIVAZIONE A STAFFA  
FILETTATA 72P Z**



60,3x 42,4 mm	2"x1"¼"	72P060042Z	34 PZ
76,1x 42,4 mm	2"½x1"¼"	72P076042Z	24 PZ
76,1x 48,3 mm	2"½x1"½"	72P076048Z	24 PZ
88,9x 21,3 mm	3"x½"	72P089021Z	28 PZ
88,9x 33,7 mm	3"x1"	72P089034Z	26 PZ
88,9x 42,4 mm	3"x1"¼"	72P089042Z	24 PZ
88,9x 48,3 mm	3"x1"½"	72P089048Z	24 PZ
88,9x 60,3 mm	3"x2"	72P089060Z	20 PZ
114,3x 21,3 mm	4"x½"	72P114021Z	20 PZ
114,3x 33,7 mm	4"x1"	72P114034Z	20 PZ
114,3x 42,4 mm	4"x1"¼"	72P114042Z	20 PZ
114,3x 48,3 mm	4"x1"½"	72P114048Z	16 PZ
114,3x 60,3 mm	4"x2"	72P114060Z	18 PZ
114,3x 60,3 mm	4"x2"	72P114076Z	18 PZ
139,7x 21,3 mm	5"x½"	720F139021Z	12 PZ
139,7x 27,9 mm	5"x¾"	720F139027Z	12 PZ
139,7x 33,7 mm	5"x1"	72P139034Z	12 PZ
139,7x 42,4 mm	5"x1"¼"	720F139042Z	18 PZ
139,7x 48,3 mm	5"x1"½"	72P139048Z	16 PZ
139,7x 60,3 mm	5"x2"	72P139060Z	16 PZ
139,7x 88,9 mm	5"x3"	72P139089Z	12 PZ
168,3x 21,3 mm	6"x½"	720F168021Z	10 PZ
168,3x 27,9 mm	6"x¾"	720F168027Z	10 PZ
168,3x 33,7 mm	6"x1"	72P168034Z	14 PZ
168,3x 42,4 mm	6"x1"¼"	720F168042Z	14 PZ
168,3x 48,3 mm	6"x1"½"	72P168048Z	14 PZ
168,3x 60,3 mm	6"x2"	72P168060Z	10 PZ
168,3x 76,1 mm	6"x2"½"	72P168076Z	10 PZ

**DERIVAZIONE A STAFFA  
FILETTATA 71P Z**



33,7x 21,3 mm	1"x½"	71P034021Z	84 PZ
42,4x 21,3 mm	1"¼x½"	71P042021Z	84 PZ
42,4x 27,9 mm	1"¼x¾"	71P042027Z	81 PZ
48,3x 27,9 mm	1"½x¾"	71P048027Z	81 PZ
48,3x 33,7 mm	1"½x1"	71P048034Z	68 PZ
60,3x 21,3 mm	2"x½"	71P060021Z	80 PZ
60,3x 27,9 mm	2"x¾"	71P060027Z	78 PZ
76,1x 21,3 mm	2"½x½"	71P076021Z	60 PZ
76,1x 27,9 mm	2"½x¾"	71P076027Z	48 PZ
76,1x 27,9 mm	2"½x¾"	71P076034Z	48 PZ

**VALVOLE E ACCESSORI**

GIUNTI E RACCORDI SCANALATI

**TRONCHETTO SCANALATO/FILETTATO 650**  
in acciaio nero, altre misure a richiesta



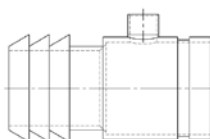
33,7 mm	L= 100 mm	1"	650034100	10 PZ
42,4 mm	L= 100 mm	1"¼	650042100	10 PZ
48,3 mm	L= 100 mm	1"½	650048100	10 PZ
60,3 mm	L= 100 mm	2"	650060100	8 PZ
76,1 mm	L= 100 mm	2"½	650076100	8 PZ
88,9 mm	L= 100 mm	3"	650089100	5 PZ
114,3 mm	L= 100 mm	4"	650114100	5 PZ
139,3 mm	L=100 mm	5"	650139100	1 PZ

**TRONCHETTO SCANALATO/A SALDARE 660**  
in acciaio nero, altre misure a richiesta

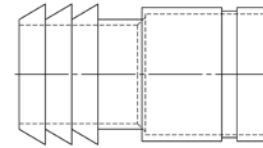


33,7 mm	L= 100 mm	1"	660034100	10 PZ
42,4 mm	L= 100 mm	1"¼	660042100	10 PZ
48,3 mm	L= 100 mm	1"½	660048100	10 PZ
60,3 mm	L= 100 mm	2"	660060100	8 PZ
76,1 mm	L= 100 mm	2"½	660076100	8 PZ
88,9 mm	L= 100 mm	3"	660089100	5 PZ
114,3 mm	L= 100 mm	4"	660114100	5 PZ
139,7 mm	L= 100 mm	5"	660139100	2 PZ
168,3 mm	L= 100 mm	6"	660168100	2 PZ
219,1 mm	L= 100 mm	8"	660219100	1 PZ
273,0 mm	L= 100 mm	10"	660273100	1 PZ
323,9 mm	L= 100 mm	12"	660324100	1 PZ

**PORTAGOMMA RULLATO**  
in acciaio nero



76,1 mm	con attacco ½"	2"½	200076	1 PZ
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76,1 mm	2"½	100076	1 PZ
88,9 mm	3"	100089	1 PZ
114,3 mm	4"	100114	1 PZ

**VALVOLA FARFALLA SCANALATA VSL**  
con disco EPDM - PN20



60,3 mm	2"	VSL-060	1 PZ
76,1 mm	2"½	VSL-076	1 PZ
88,9 mm	3"	VSL-089	1 PZ
114,3 mm	4"	VSL-114	1 PZ
139,7 mm	5"	VSL-139	1 PZ
168,3 mm	6"	VSL-168	1 PZ
219,1 mm	8"	VSL-219	1 PZ
323,9 mm	12"	VSL-324	1 PZ

**VALVOLA A FARFALLA SCANALATA VSV**  
con volantino di manovra - PN20



219,1 mm	8"	VSV-219	1 PZ
273,0 mm	10"	VSV-273	1 PZ
323,9 mm	12"	VSV-324	1 PZ

**VALVOLE E ACCESSORI**

**VALVOLA A FARFALLA SCANALATA VSL-B PN16**



60,3 mm	2"	VSL-060B	1 PZ
76,1 mm	2"½	VSL-076B	1 PZ
88,9 mm	3"	VSL-089B	1 PZ
114,3 mm	4"	VSL-114B	1 PZ
139,7 mm	5"	VSL-139B	1 PZ
168,3 mm	6"	VSL-168B	1 PZ

**VALVOLA A SFERA SCANALATA VSS**



48,3 mm	1"½	VSS048	1 PZ
60,3 mm	2"	VSS060	1 PZ
76,1 mm	2"½	VSS076	1 PZ
88,9 mm	3"	VSS089	1 PZ

**FILTRO A Y VERNICIATO**

Maglia da 1,5mm fino a 5" e da 3mm fino a 12" - PN16



60,3 mm	2"	FY060	1 PZ
76,1 mm	2" 1/2	FY076	1 PZ
88,9 mm	3"	FY089	1 PZ
114,3 mm	4"	FY114	1 PZ
139,7 mm	5"	FY139	1 PZ
168,3 mm	6"	FY168	1 PZ
219,1 mm	8"	FY219	1 PZ

Guarnizione 60,3 mm	2"	GFY060	1 PZ
Guarnizione 76,1 mm	2"½	GFY076	1 PZ
Guarnizione 88,9 mm	3"	GFY089	1 PZ
Guarnizione 114,3 mm	4"	GFY114	1 PZ
Guarnizione 139,7 mm	5"	GFY139	1 PZ
Guarnizione 168,3 mm	6"	GFY168	1 PZ
Guarnizione 219,1 mm	8"	GFY219	1 PZ

**VALVOLA DI RITEGNO FM  
PN25**



60,3 mm	2"	VR060FM	1 PZ
76,1 mm	2"½	VR076FM	1 PZ
88,9 mm	3"	VR089FM	1 PZ
114,3 mm	4"	VR114FM	1 PZ
139,7 mm	5"	VR139FM	1 PZ
168,3 mm	6"	VR168FM	1 PZ
219,1 mm	8"	VR219FM	1 PZ
273,0 mm	10"	VR273FM	1 PZ

**VOLANTINO DI MANOVRA**

da accoppiare a valvola a farfalla VSL-B



DN 50 - 80	VOLB050080	1 PZ
DN 100 - 150	VOLB100150	1 PZ

**VALVOLE E ACCESSORI**

**COPPELLE ISOLANTI**

per serie giunti (R270 e F270), curve 90, raccordi T130



GIUNTI E RACCORDI SCANALATI

42,4 mm	per giunti	1"¼	CI270042	1 PZ
48,3 mm	per giunti	1"½	CI270048	1 PZ
60,3 mm	per giunti	2"	CI270060	1 PZ
76,1 mm	per giunti	2"½	CI270076	1 PZ
88,9 mm	per giunti	3"	CI270089	1 PZ
114,3 mm	per giunti	4"	CI270114	1 PZ
139,7 mm	per giunti	5"	CI270139	1 PZ
168,3 mm	per giunti	6"	CI270168	1 PZ
219,1 mm	per giunti	8"	CI270219	1 PZ
42,4 mm	per curve 90	1"¼	CI90042	1 PZ
48,3 mm	per curve 90	1"½	CI90048	1 PZ
60,3 mm	per curve 90	2"	CI90060	1 PZ
76,1 mm	per curve 90	2"½	CI90076	1 PZ
114,3 mm	per curve 90	4"	CI90114	1 PZ
139,7 mm	per curve 90	5"	CI90139	1 PZ
168,3 mm	per curve 90	6"	CI90168	1 PZ
42,4 mm	per T130	1"¼	CI130042	1 PZ
48,3 mm	per T130	1"½	CI130048	1 PZ
60,3 mm	per T130	2"	CI130060	1 PZ
76,1 mm	per T130	2"½	CI130076	1 PZ
88,9 mm	per T130	3"	CI130089	1 PZ
114,3 mm	per T130	4"	CI130114	1 PZ
139,7 mm	per T130	5"	CI130139	1 PZ
168,3 mm	per T130	6"	CI130168	1 PZ
219,1 mm	per T130	8"	CI130219	1 PZ

**GUARNIZIONI STANDARD**



42,4 mm	1"¼	EPDM	EPDM042	10 PZ
48,3 mm	1"½	EPDM	EPDM048	10 PZ
60,3 mm	2"	EPDM	EPDM060	10 PZ
76,1 mm	2"½	EPDM	EPDM076	10 PZ
88,9 mm	3"	EPDM	EPDM089	5 PZ
114,3 mm	4"	EPDM	EPDM114	5 PZ
139,7 mm	5"	EPDM	EPDM139	5 PZ
168,3 mm	6"	EPDM	EPDM168	2 PZ
219,1 mm	8"	EPDM	EPDM219	1 PZ
273,0 mm	10"	EPDM	EPDM273	1 PZ
323,9 mm	12"	EPDM	EPDM324	1 PZ
42,4 mm	1"¼	Nitrile	BUNA042	1 PZ
48,3 mm	1"½	Nitrile	BUNA048	1 PZ
60,3 mm	2"	Nitrile	BUNA060	1 PZ
76,1 mm	2"½	Nitrile	BUNA076	1 PZ
88,9 mm	3"	Nitrile	BUNA089	1 PZ
114,3 mm	4"	Nitrile	BUNA114	1 PZ
139,7 mm	5"	Nitrile	BUNA139	1 PZ
168,3 mm	6"	Nitrile	BUNA168	1 PZ
219,1 mm	8"	Nitrile	BUNA219	1 PZ
273,0 mm	10"	Nitrile	BUNA273	1 PZ
323,9 mm	12"	Nitrile	BUNA324	1 PZ

**LUBRIFICANTE**

Siliconico



1 kg	in barattolo	GR110	12 PZ
100 g	in tubetto	GR100	1 PZ

## VALVOLE E ACCESSORI

### SEGHE A TAZZA



21 mm	ST021	1 PZ
24 mm	ST024	1 PZ
30 mm	ST030	1 PZ
32 mm	ST032	1 PZ
38 mm	ST038	1 PZ
44 mm	ST044	1 PZ
46 mm	ST046	1 PZ
48 mm	ST048	1 PZ
51 mm	ST051	1 PZ
54 mm	ST054	1 PZ
57 mm	ST057	1 PZ
64 mm	ST064	1 PZ
70 mm	ST070	1 PZ
79 mm	ST079	1 PZ
83 mm	ST083	1 PZ
86 mm	ST086	1 PZ
89 mm	ST089	1 PZ
92 mm	ST092	1 PZ
114 mm	ST114	1 PZ

### ALBERO PER SEGHE A TAZZA



14- 30 mm	3/8" × 20	STAL1	1 PZ
32-175 mm	3/8" × 18	STAL2	1 PZ

## SCANALTRICI

### SCANALATRICE ULTRA



1" - 12"

SCAN1

1 PZ

### TAGLIATUBI



2" A 8"

SCAN003

1 PZ

### SCANALATRICE PRO



1"-8"

SCAN01

1 PZ



6" A 16"

SCAN03

1 PZ

### SCANALATRICE SMART



1"-6"

SCAN001

1 PZ



1" A 4"

SCAN02

1 PZ

### CALIBRO PER SCANALATURE



Flessometro

1510101

1 PZ

# ACCESSORI CENTRALI TERMICHE



**PROVENTCLEAN OTTONE**

**PROVENT JUNIOR**



Provent 1/2"      con rubinetto      32450      100 PZ

**PROVENT**  
**attacco filettato orizzontale**



Provent 3/4"	32460	1 PZ
Provent 1"	32461	1 PZ
Provent 1 1/4"	32462	1 PZ
Provent 1 1/2"	32463	1 PZ
Provent 2"	32464	1 PZ

**PROCLEAN**  
**attacco filettato orizzontale**



Proclean 3/4"	32470	1 PZ
Proclean 1"	32471	1 PZ
Proclean 1 1/4"	32472	1 PZ
Proclean 1 1/2"	32473	1 PZ
Proclean 2"	32474	1 PZ

## PROVENTCLEAN 4 IN 1

### PROVENT

Attacchi scanalati 4 in 1 - PN10 - disponibile fino a DN600 su richiesta



DN 50	32500	1 PZ
DN 65	32501	1 PZ
DN 80	32502	1 PZ
DN 100	32503	1 PZ
DN 125	32504	1 PZ
DN 150	32505	1 PZ
DN 200	32506	1 PZ
DN 250	32507	1 PZ
DN 300	32508	1 PZ

### COIBENTAZIONE PROVENT



DN 50	IS32500	1 PZ
DN 65	IS32501	1 PZ
DN 80	IS32502	1 PZ
DN 100	IS32503	1 PZ
DN 125	IS32504	1 PZ
DN 150	IS32505	1 PZ
DN 200	IS32506	1 PZ

## PROCLEAN

Attacchi scanalati 4 in 1 - PN10 - disponibile fino a DN600 su richiesta



DN 50	33500	1 PZ
DN 65	33501	1 PZ
DN 80	33502	1 PZ
DN 100	33503	1 PZ
DN 125	33504	1 PZ
DN 150	33505	1 PZ
DN 200	33506	1 PZ
DN 250	33507	1 PZ
DN 300	33508	1 PZ

### COIBENTAZIONE PROCLEAN



DN 50	IS33500	1 PZ
DN 65	IS33501	1 PZ
DN 80	IS33502	1 PZ
DN 100	IS33503	1 PZ
DN 125	IS33504	1 PZ
DN 150	IS33505	1 PZ
DN 200	IS33506	1 PZ

## PROVENTCLEAN 4 IN 1

### PROVENTCLEAN

Attacchi scanalati 4 in 1 - PN10 - disponibile fino a DN600 su richiesta



DN 50	34500	1 PZ
DN 65	34501	1 PZ
DN 80	34502	1 PZ
DN 100	34503	1 PZ
DN 125	34504	1 PZ
DN 150	34505	1 PZ
DN 200	34506	1 PZ
DN 250	34507	1 PZ
DN 300	34508	1 PZ

## PROBALANCE

Attacchi scanalati 4 in 1 - PN10 - disponibile fino a DN600 su richiesta



DN 50	35500	1 PZ
DN 65	35501	1 PZ
DN 80	35502	1 PZ
DN 100	35503	1 PZ
DN 125	35504	1 PZ
DN 150	35505	1 PZ
DN 200	35506	1 PZ
DN 250	35507	1 PZ
DN 300	35508	1 PZ

## COIBENTAZIONE PROVENTCLEAN



DN 50	IS34500	1 PZ
DN 65	IS34501	1 PZ
DN 80	IS34502	1 PZ
DN 100	IS34503	1 PZ
DN 125	IS34504	1 PZ
DN 150	IS34505	1 PZ
DN 200	IS34506	1 PZ

## COIBENTAZIONE PROBALANCE



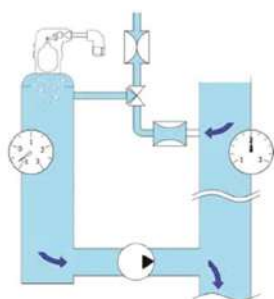
DN 50	IS35500	1 PZ
DN 65	IS35501	1 PZ
DN 80	IS35502	1 PZ
DN 100	IS35503	1 PZ
DN 125	IS35504	1 PZ
DN 150	IS35505	1 PZ
DN 200	IS35506	1 PZ

**DEGASATORE SOTTOVUOTO**

DEGASATORE SOTTOVUOTO



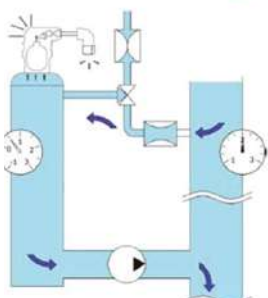
V6-R	1 - 6 bar	PN6	36801	1 PZ
V9-R	5 - 9 bar	PN10	36802	1 PZ



Per impianti di riscaldamento o raffreddamento fino a 300m<sup>3</sup>

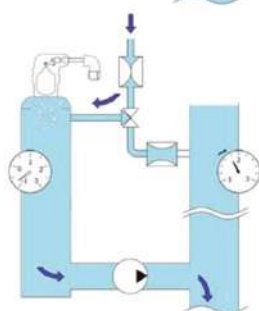
**Fase 1 - creazione del vuoto**

La pompa aspira più acqua rispetto alla capacità della colonnina, si crea quindi una pressione negativa. I gas si separano dall'acqua e si dispongono in cima alla colonnina.



**Fase 2 - disaerazione**

La pressione nella colonnina aumenta per un breve lasso di tempo, in questo modo possono essere evacuati automaticamente dal disaeratore a galleggiante.



**Fase 3 - reintegro**

Se la pressione del sistema è troppo bassa, il degasatore pomperà acqua già disaerata all'interno dell'impianto alla corretta pressione.

# ANTINCENDIO



**SPRINKLER E ACCESSORI**

**SPRINKLER UPRIGHT SR**  
Risposta Standard



1/2" K80	57 °C	843090	50 PZ
1/2" K80	68 °C	843091	50 PZ
1/2" K80	79 °C	843092	50 PZ
1/2" K80	93 °C	843093	50 PZ
1/2" K80	141°C	843094	50 PZ
3/4" K115	57 °C	843100	50 PZ
3/4" K115	68 °C	843101	50 PZ
3/4" K115	79 °C	843102	50 PZ
3/4" K115	93 °C	843103	50 PZ
3/4" K115	141°C	843104	50 PZ

**SPRINKLER UPRIGHT QR**  
Risposta Rapida



1/2" K80	57 °C	843060	50 PZ
1/2" K80	68 °C	843061	50 PZ
1/2" K80	79 °C	843062	50 PZ
1/2" K80	93 °C	843063	50 PZ
1/2" K80	141°C	843064	50 PZ
3/4" K115	57 °C	843070	50 PZ
3/4" K115	68 °C	843071	50 PZ
3/4" K115	79 °C	843072	50 PZ
3/4" K115	93 °C	843073	50 PZ
3/4" K115	141°C	843074	50 PZ

**SPRINKLER PENDENT SR**  
Risposta Standard



1/2" K80	57 °C	843005	50 PZ
1/2" K80	68 °C	843006	50 PZ
1/2" K80	79 °C	843007	50 PZ
1/2" K80	93 °C	843008	50 PZ
1/2" K80	141°C	843009	50 PZ
3/4" K115	57 °C	843015	50 PZ
3/4" K115	68 °C	843016	50 PZ
3/4" K115	79 °C	843017	50 PZ
3/4" K115	93 °C	843018	50 PZ
3/4" K115	141°C	843019	50 PZ

**SPRINKLER PENDENT QR**  
Risposta Rapida



1/2" K80	57 °C	842970	50 PZ
1/2" K80	68 °C	842971	50 PZ
1/2" K80	79 °C	842972	50 PZ
1/2" K80	93 °C	842973	50 PZ
1/2" K80	141°C	842974	50 PZ
3/4" K115	57 °C	842980	50 PZ
3/4" K115	68 °C	842981	50 PZ
3/4" K115	79 °C	842982	50 PZ
3/4" K115	93 °C	842983	50 PZ
3/4" K115	141°C	842984	50 PZ

**SPRINKLER E ACCESSORI**

**SPRINKLER A GETTO LATERALE**  
VdS a richiesta



1/2" K80	57 °C	843972	10 PZ
1/2" K80	68 °C	843973	10 PZ
1/2" K80	79 °C	843974	10 PZ
1/2" K80	93 °C	843975	10 PZ
1/2" K80	141°C	843976	10 PZ

**SPRINKLER A SCOMPARSA**  
altre colorazioni RAL a richiesta



1/2" K80	72°C	CE	845917	1 PZ
1/2" K80	72°C	FM	845918	1 PZ
piattello	RAL9010		845920	1 PZ
piattello	RAL9003		845921	1 PZ
chiave			845930	1 PZ

**UGELLO GETTO PIATTO A LAMA D'ACQUA**  
acquisto minimo 10 pz



1/2"	K5	131240	10 PZ
1/2"	K7	131241	10 PZ
1/2"	K9	131242	10 PZ
1/2"	K11	131243	10 PZ
1/2"	K16	131244	10 PZ
1/2"	K18	131245	10 PZ
1/2"	K22	131246	10 PZ
1/2"	K27	131247	10 PZ
1/2"	K31	131248	10 PZ
1/2"	K41	131249	10 PZ
1/2"	K52	131250	10 PZ
1/2"	K63	131251	10 PZ
1/2"	K95	131252	10 PZ

**UGELLO NEBULIZZATORE A CONO PIENO 90°**  
acquisto minimo 10 pz



1/2"	K9	90°	878440	10 PZ
1/2"	K11	90°	878441	10 PZ
1/2"	K14	90°	878442	10 PZ
3/4"	K18	90°	878443	10 PZ
3/4"	K22	90°	878444	10 PZ
3/4"	K28	90°	878445	10 PZ
1"	K35,5	90°	878446	10 PZ
1"	K45	90°	878447	10 PZ

**UGELLO NEBULIZZATORE A CONO PIENO 120°**  
acquisto minimo 10 pz



1/2"	K9	120°	878460	10 PZ
1/2"	K11	120°	878461	10 PZ
1/2"	K14	120°	878462	10 PZ
3/4"	K18	120°	878463	10 PZ
3/4"	K22	120°	878464	10 PZ
3/4"	K28	120°	878465	10 PZ
1"	K35,5	120°	878466	10 PZ
1"	K45	120°	878467	10 PZ

## SPRINKLER E ACCESSORI

**UGELLO CONO PIENO MOD. SA**  
acquisto minimo 10 pz



1/2"	K16	120°	878479	10 PZ
1/2"	K18	120°	878480	10 PZ
1/2"	K23	120°	878481	10 PZ
1/2"	K25	120°	878475	10 PZ
1/2"	K27	120°	878482	10 PZ
1/2"	K31	120°	878483	10 PZ
1/2"	K41	120°	878484	10 PZ
1/2"	K63	120°	878486	10 PZ
1/2"	K80	120°	878477	10 PZ

**ROSETTA AD UN PEZZO**  
acquisto minimo 10 pz



1/2" Ø70mm	Bianca	216039	1 PZ
3/4" Ø70mm	Bianca	216040	1 PZ
1/2" Ø70mm	Cromata	779285	1 PZ

**ROSETTA AD INCASSO**



1/2" Ø73mm	Cromata	817053	1 PZ
1/2" Ø73mm	Bianca	817054	1 PZ
3/4" Ø73mm	Bianca	817055	1 PZ

ANTINCENDIO

## CHIAVI D'INSTALLAZIONE



per spk 1/2" 3/4" 943093 1 PZ

## GABBIETTA DI PROTEZIONE



1/2" 843480 1 PZ  
3/4" 843482 1 PZ

## GABBIETTA CON TEGOLO ANTIBAGNAMENTO



1/2"-3/4" 843481 1 NR

## TEGOLO ANTIBAGNAMENTO



1/2" Ø72mm 594644 1 PZ  
3/4" Ø72mm 594645 1 PZ

**SPRINKLER E ACCESSORI**

**CASSETTA PER SPRINKLER**



da 12 pz	943091	1 PZ
da 24 pz	943092	1 PZ

**TUBO FLESSIBILE PER SPRINKLER**



1" x 1/2"	L=1,0 m	SPK03402110FM	1 PZ
1" x 1/2"	L=1,2 m	SPK03402112FM	1 PZ
1" x 1/2"	L=1,5 m	SPK03402115FM	1 PZ

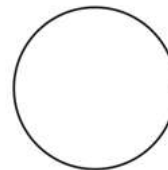
**STAZIONE D'ALLARME A UMIDO**

**STAZIONE D'ALLARME A UMIDO  
SCANALATO / SCANALATO**



DN 100	S/S	820210	1 PZ
DN 150	S/S	820211	1 PZ
DN 200	S/S	820212	1 PZ

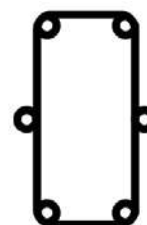
**RICAMBI**



Guarnizione di ricambio FIG 3	per DN100	820210G03	1 PZ
Guarnizione di ricambio FIG 3	per DN150	820211G03	1 PZ
Guarnizione di ricambio FIG 3	per DN200	820212G03	1 PZ
Guarnizione di ricambio FIG 4	per DN100	820210G04	1 PZ
Guarnizione di ricambio FIG 4	per DN150	820211G04	1 PZ
Guarnizione di ricambio FIG 4	per DN200	820212G04	1 PZ



Guarnizione disco FIG 5	per DN100	820210G05	1 PZ
Guarnizione disco FIG 5	per DN150	820211G05	1 PZ
Guarnizione disco FIG 5	per DN200	820212G05	1 PZ



Guarnizione Clapet FIG 15	per DN100	820210G15	1 PZ
Guarnizione Clapet FIG 15	per DN150	820211G15	1 PZ
Guarnizione Clapet FIG 15	per DN200	820212G15	1 PZ

## SARACINESCHE E SWITCH

VALVOLA FARFALLA SCANALATA VSVS  
PN20  
con volantino di manovra e switch



DN 65	2"½	VSVS-076	1 PZ
DN 80	3"	VSVS-089	1 PZ
DN 100	4"	VSVS-114	1 PZ
DN 125	5"	VSVS-139	1 PZ
DN 150	6"	VSVS-168	1 PZ
DN 200	8"	VSVS-219	1 PZ
DN 250	10"	VSVS-273	1 PZ

WALL POST INDICATOR ORIZZONTALE  
a vite esterna



Orizzontale 500591 1 PZ

WALL POST INDICATOR VERTICALE  
a vite esterna



Verticale 500592 1 PZ

SARACINESCA OS&Y; PN16  
a vite esterna



DN 65	850600	1 PZ
DN 80	850601	1 PZ
DN 100	850602	1 PZ
DN 150	850603	1 PZ
DN 200	850604	1 PZ
DN 250	850605	1 PZ
DN 300	850606	1 PZ
Switch OSY2	850625	1 PZ

SARACINESCA FLANGIATA NRS PN16



DN 50	849704	1 PZ
DN 65	849705	1 PZ
DN 80	849706	1 PZ
DN 100	849707	1 PZ
DN 150	849709	1 PZ
DN 200	849711	1 PZ
DN 250	849713	1 PZ
DN 300	849716	1 PZ
Switch	849723	1 PZ

SARACINESCA NRS PER POST  
INDICATOR  
a vite interna



DN 80	VPI080	1 PZ
DN 100	VPI100	1 PZ
DN 150	VPI150	1 PZ
DN 200	VPI200	1 PZ
Switch	850626	1 PZ

**ACCESSORI ANTINCENDIO**

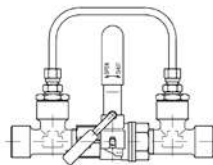
**CAMPANA IDRAULICA D'ALLARME**



per stazione PROS

CE, FM 772474 1 PZ

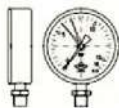
**DISPOSITIVO DI MANTENIMENTO IN PRESSIONE**



By pass

787511 1 PZ

**MANOMETRO 16 bar**

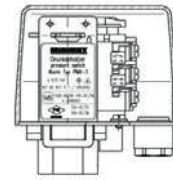


AR 1/2"	attacco radiale	819828	1 PZ
AR 1/4"	attacco radiale	819831	1 PZ



ER 1/2"	attacco posteriore	126303	1 PZ
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**PRESSOSTATO PMA-3**

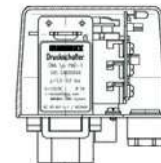


PMA 3

116512

1 PZ

**PRESSOSTATO REGOLABILE PMU**

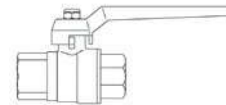


PMU 3

792183

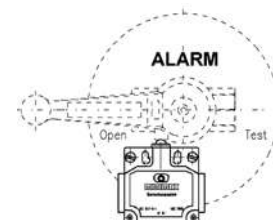
1 PZ

**VALVOLA A SFERA FILETTATA**



DN15	751680	1 PZ
DN20	748688	1 PZ
DN25	748690	1 PZ
DN32	748706	1 PZ
DN40	748718	1 PZ
DN50	748720	1 PZ

**SWITCH 3/2 VIE**



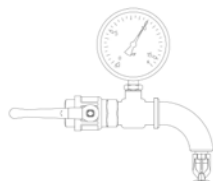
Switch 3/2

841243

1 PZ

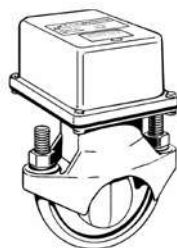
**ACCESSORI ANTINCENDIO**

**DISPOSITIVO DI PROVA IMPIANTO CON MAN.**



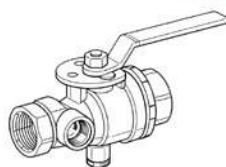
1" K80	943098	1 PZ
1" K115	943100	1 PZ

**FLUSSOSTATO VRS-EU**



DN 50	113211	1 PZ
DN 65	785538	1 PZ
DN 80	785540	1 PZ
DN 100	785551	1 PZ
DN 125	845919	1 PZ
DN 150	785563	1 PZ
DN 200	770014	1 PZ

**VALVOLA DI PROVA E SCARICO IMPIANTO**



G1" K80	FM	943099	1 PZ
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**PROTEZIONE PASSIVA AL FUOCO**

**COLLARE INTUMESCENTE**

EI 60/90/120 parete/solaio - idoneo per tubi in plastica e metallici coibentati



DN 32	156038	1 PZ
DN 40	156041	1 PZ
DN 50	156050	1 PZ
DN 75	156080	1 PZ
DN 90	156090	1 PZ
DN 110	156100	1 PZ
DN 125	156125	1 PZ
DN 160	156140	1 PZ
DN 200	156200	1 PZ
DN 250	156250	1 PZ
DN 315	156300	1 PZ
DN 400	156302	1 PZ

**SACCHETTO INTUMESCENTE**



EB100E	250x100x25mm	156351	30 PZ
EB200E	250x200x35mm	156352	15 PZ
EB300E	250x300x35mm	156353	10 PZ

**STRISCIA INTUMESCENTE**



10 m	fino Ø160mm	156199	1 PZ
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**PROTETTIVO INTUMESCENTE**

Da usare in accoppiata su tubazioni di metallo



Mastice bianco 310 EI240	156310	1 PZ
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NASTRO ROCK PER TUBI 1X5 METRI	156369	1 PZ
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**MASTICE INTUMESCENTE**

EI 60/90/120 parete/solaio, per tubi in plastica



Mastice nero 310ML EI240	156312	1 PZ
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**MULTICOLLAR SLIM**



EI20 EN 1366-3	156399	1 PZ
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## SUPPORTI ANTISISMICI

### COLLARE ANTISISMICO



1"	404373	25 PZ
1" <sup>1</sup> / <sub>4</sub>	404374	25 PZ
1" <sup>1</sup> / <sub>2</sub>	404375	25 PZ

### COLLARE ANTISISMICO



2"	404107	1 PZ
2" <sup>1</sup> / <sub>2</sub>	404109	1 PZ
3"	404111	1 PZ
4"	404113	1 PZ
5"	404115	1 PZ
6"	404117	1 PZ
8"	404119	1 PZ
10"	404121	1 PZ
12"	404123	1 PZ

### AGGANCIO ANTISISMICO Con controllo di coppia integrato



1/2"	404135	1 PZ
3/4"	404137	1 PZ

### AGGANCIO MULTIPLO



multi	fori per M12	404371	10 PZ
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### AGGANCIO PER TRAVI IN ACCIAIO con piastrina di sicurezza



A=100-216 mm	sp. 6,4-19,1 mm	404365	10 PZ
A=216-368 mm	sp. 6,4-19,1 mm	404366	10 PZ
A=100-457 mm	sp. 19,1-31,8 mm	404367	5 PZ

### AGGANCIO PER TRAVI IN ACCIAIO



6,4 - 19,1 mm	404350	1 PZ
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### AGGANCIO PER TRAVI RETICOLARI



6-19mm	404125	1 PZ
19-31mm	404127	1 PZ

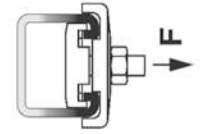
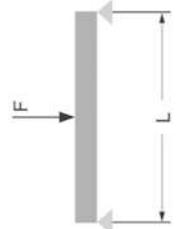
Carichi ammissibili per profilati con 1 punto di carico centrale

TIPO	L [cm]													
	2715/4,25	2725/1,25	2737/1,25	41/21/1,5	41/21/2,0	41/41/2,0	41/41/2,5	41/62/2,5	41-75/75/3,0	41/21/2,0 D	41/41/2,5 D	41/62/2,5 D	41-75/75/3,0 D	41/75/75/3,0 D
20	947	2100	3167	2205	3049	9280	10900	21314	38095	7792	33160	67234	113507	
40	473	1049	1582	1101	1522	4637	5447	10653	19040	3892	16573	33608	56738	
60	278	698	1053	732	1013	3088	3627	7097	12684	2591	11041	22396	37809	
80	155	522	789	547	718	2313	2716	5317	9504	1939	8273	16786	28339	
100	97	361	629	390	456	1846	2169	4248	7594	1547	6610	13419	22653	
120	66	249	523	288	312	1535	1803	3535	6319	1285	5500	11171	18859	
140	46	180	447	194	225	1312	1541	3024	5406	1097	4706	9564	16146	
160	34	135	381	145	168	1006	1192	2641	4721	950	4109	8358	14109	
180	25	104	298	111	128	788	934	2342	4186	743	3643	7418	12522	
200	18	82	239	87	100	632	749	2102	3758	594	3270	6665	11250	
220	13	65	194	68	78	515	611	1842	3406	483	2964	6048	10208	
240	9	52	160	54	61	426	505	1538	3112	398	2708	5533	9338	
260	6	42	133	43	47	356	423	1300	2863	331	2491	5096	8600	
280	3	33	112	33	36	300	356	1110	2648	278	2281	4720	7966	
300		26	95	26	27	254	302	957	2383	234	1971	4394	7416	
320		20	80	19	19	217	257	830	2076	197	1716	4108	6933	
340		15	68	13	12	185	220	725	1820	167	1504	3855	6505	
360		11	57	9	6	158	188	636	1605	141	1325	3630	6124	
380		7	48	4		135	160	560	1422	118	1173	3427	5782	
400		4	41			114	137	495	1265	98	1042	3244	5473	
420			34			97	116	438	1128	81	929	3064	5193	
440			28			81	97	388	1009	66	830	2770	4937	
460			22			67	80	345	905	52	743	2514	4702	
480			17			54	66	306	812	39	665	2287	4487	
500			13			43	52	271	729	28	597	2087	4287	
520			9			32	40	240	656	18	535	1908	3958	
540			5			23	29	211	589	8	479	1748	3633	
560			1			14	18	186	529		429	1604	3342	
580						6	9	162	474		383	1474	3079	
600								141	424		341	1356	2840	

$\sigma_{amm}$ : 185 N/mm<sup>2</sup>;  $f \leq L/200$

È stato considerato il peso proprio del profilato e l'influenza delle asole.  
Calcoli in accordo a RAL-GZ 655-C.9

\*\*) Con i profilati doppi di lunghezza fino a 0,5 m è necessario unire due profili nel caso la ribattitura non cada alle estremità (con le asole tipo 3 e 4 utilizzare il molettino d'accoppiamento KL 1).  
no certificato RAL



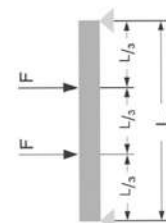
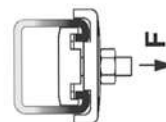
## Carichi ammissibili per profilati con 2 punti di carico

TIPO	27/15/1,25		27/25/1,25		27/37/1,25		41/21/1,5		41/21/2,0		41/41/2,0		41/62/2,5		41/81/2,0 D		41/141/2,0 D		41/21/2,0 D		41/41/2,0 D		41/62/2,5 D		41/75/3,0 D	
	L [cm]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
20	710	1575	2376	1653	2287	6960	8175	15986	5844	20806	24870	50425	85130													
40	354	787	1187	826	1142	3478	4085	7989	2919	10399	12430	25206	42554													
60	163	524	790	549	753	2316	2720	5323	1943	6928	8281	16797	28356													
80	91	334	591	360	421	1734	2037	3988	1455	5191	6204	12590	21254													
100	57	212	472	229	267	1385	1627	3186	1161	4148	4957	10064	16990													
120	39	146	392	157	183	1062	1258	2651	964	3452	4125	8378	14144													
140	27	106	294	114	132	776	920	2268	734	2954	3529	7173	12109													
160	20	79	224	85	99	590	700	1980	558	2579	3082	6268	10581													
180	14	61	175	65	75	463	548	1632	436	2288	2733	5564	9391													
200	11	48	140	51	58	371	439	1316	349	2054	2453	4999	8438													
220	8	38	114	40	46	302	359	1081	284	1849	2208	4536	7656													
240	5	31	94	32	36	250	297	903	234	1547	1846	4150	7004													
260	3	24	78	25	28	209	248	763	194	1311	1564	3822	6450													
280	2	20	66	20	21	176	209	652	163	1123	1339	3540	5975													
300	15	55	55	15	16	149	177	562	137	971	1157	3296	5562													
320	12	47	47	11	11	127	151	487	116	846	1007	3081	5199													
340	9	40	40	8	7	109	129	425	98	742	883	2809	4879													
360	6	34	34	5	4	93	110	373	83	654	778	2493	4593													
380	4	28	28	2	79	94	94	329	69	579	688	2225	4336													
400	2	24	24	2	67	80	80	290	58	515	612	1996	4104													
420		20	20		57	68	68	257	48	460	545	1798	3701													
440		16	16		47	57	57	228	38	412	487	1626	3351													
460		13	13		39	47	47	202	30	369	436	1475	3045													
480		10	10		32	38	38	179	23	331	391	1343	2775													
500		7	7		25	31	31	159	16	298	350	1225	2536													
520		5	5		19	23	23	141	10	268	314	1120	2323													
540		3	3		13	17	17	124	5	240	281	1026	2133													
560					8	11	11	109		216	252	942	1962													
580					3	5	5	95		194	225	865	1807													
600								83		173	200	796	1667													

oram.: 185 N/mm<sup>2</sup>; f ≤ L/200

È stato considerato il peso proprio del profilato e l'influenza delle asole.  
Calcoli in accordo a RAL-GZ 655-C.9

\*\*\*) Con i profilati doppi di lunghezza fino a 0,5 m è necessario unire due profili nel caso la ribattitura non cada alle estremità (con le asole tipo 3 e 4 utilizzare il molette d'accoppiamento KL1).  
no certificato RAL



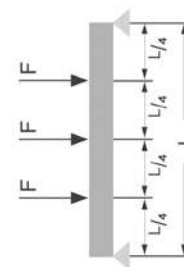
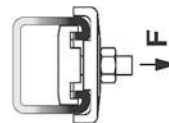
**Carichi ammissibili per profilati con 3 punti di carico**

Type	L [cm]											
	27/15/1,25	27/25/1,25	27/37/1,25	41/21/1,5	41/21/2,0	41/41/2,0	41/41/2,5	41/62/2,5	41/21/2,0 D	41/41/2,0 D	41/41/2,5 D	41-75/75/3,0 D
20	710	1575	2376	1653	2287	6960	8175	15986	5844	20806	24870	85130
40	354	787	1187	826	1142	3478	4085	7989	2919	10399	12430	42554
60	163	524	790	549	753	2316	2720	5323	1943	6928	8281	28366
80	91	334	591	360	421	1734	2037	3988	1455	5191	6204	21254
100	41	152	315	164	192	923	1084	2124	774	2765	3305	11326
120	28	105	261	113	131	762	902	1767	643	2301	2750	9429
140	20	76	211	81	95	557	660	1512	527	1989	2353	8073
160	14	57	160	61	71	424	502	1320	400	1720	2054	7054
180	10	44	126	47	54	332	393	1171	313	1525	1822	6261
200	8	34	100	37	42	266	315	944	250	1369	1635	5625
220	5	27	82	29	33	217	257	776	203	1241	1482	5104
240	4	22	67	23	26	179	213	648	168	1110	1324	4689
260	2	18	56	18	20	150	178	547	139	940	1122	4300
280	1	14	47	14	15	126	150	468	117	805	960	3983
300		11	40	11	11	107	127	403	98	696	830	3708
320		9	34	8	8	91	108	350	83	607	723	3466
340		6	29	6	5	78	93	305	70	532	633	3253
360		5	24	4	3	66	79	268	59	469	558	3062
380		3	20	2		57	68	236	50	416	494	2891
400		2	17			48	57	208	41	370	439	2737
420			14			41	49	184	34	330	391	2596
440			12			34	41	164	28	295	349	2404
460			9			28	34	145	22	265	313	2184
480			7			23	28	129	17	238	280	1991
500			5			18	22	114	12	214	251	1819
520			4			14	17	101	7	192	225	1666
540			2			10	12	89	3	173	202	1530
560						6	8	78		155	181	1407
580						2	4	68		139	161	1296
600								59		124	144	1196

oammm.: 185 N/mm<sup>2</sup>; I s L/200

È stato considerato il peso proprio del profilato e l'influenza delle asole.  
Calcoli in accordo a RAL-GZ 855-C-9

\*\*1) Con i profilati doppi di lunghezza fino a 0,5 m è necessario unire due profili nel caso la ribattitura non cada alle estremità (con le asole tipo 3 e 4, utilizzare il morsetto d'accoppiamento KL 1).  
no certificato RAL



**Carichi ammissibili per profilati con carico distribuito**

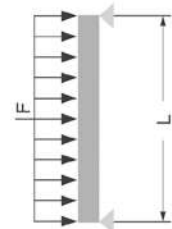
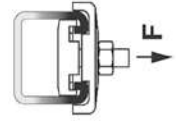
TIPO	L [cm]	[kN/m]	[kN/m]	[kN/m]	[kN/m]	[kN/m]	[kN/m]	[kN/m]	[kN/m]	[kN/m]	[kN/m]	[kN/m]	[kN/m]	[kN/m]	[kN/m]	[kN/m]
		27/15/1,25	27/25/1,25	27/37/1,25	41/21/1,5	41/21/2,0	41/41/2,0	41/41/2,5	41/62/2,5	41/21/2,0 D	41/41/2,0 D	41/41/2,5 D	41/62/2,5 D	[kN/m]		
20	21,00	9,47	21,00	31,67	22,05	30,49	92,80	109,00	213,14	77,92	277,41	331,60	672,34			
40	5,25	2,36	7,91	5,50	7,61	23,19	27,23	53,26	19,46	69,33	82,86	168,04				
60	2,33	0,74	3,51	2,44	3,38	10,29	12,09	23,66	8,64	30,79	36,80	74,65				
80	1,14	0,31	1,97	1,23	1,44	5,78	6,79	13,29	4,85	17,30	20,68	41,97				
100	0,58	0,16	1,26	0,63	0,73	3,69	4,34	8,50	3,09	11,06	13,22	26,84				
120	0,33	0,09	0,87	0,36	0,42	2,42	2,86	5,89	2,14	7,67	9,17	18,62				
140	0,21	0,05	0,57	0,22	0,26	1,51	1,79	4,32	1,43	5,63	6,72	13,66				
160	0,14	0,03	0,38	0,15	0,17	1,01	1,19	3,30	0,95	4,30	5,14	10,45				
180	0,09	0,02	0,27	0,10	0,11	0,70	0,83	2,48	0,66	3,39	4,05	8,24				
200	0,07	0,01	0,19	0,07	0,08	0,51	0,60	1,80	0,48	2,74	3,27	6,67				
220	0,05	0,01	0,14	0,05	0,06	0,38	0,44	1,34	0,35	2,26	2,69	5,50				
240	0,03	0,01	0,11	0,04	0,04	0,28	0,34	1,03	0,27	1,76	2,10	4,61				
260	0,03	0,03	0,08	0,03	0,03	0,22	0,26	0,80	0,20	1,38	1,64	3,92				
280	0,02	0,02	0,06	0,02	0,02	0,17	0,20	0,64	0,16	1,09	1,31	3,37				
400	0,01	0,01	0,05	0,01	0,01	0,14	0,16	0,51	0,12	0,88	1,05	2,93				
420	0,01	0,01	0,04	0,01	0,01	0,11	0,13	0,42	0,10	0,72	0,86	2,57				
440	0,01	0,01	0,03	0,01	0,01	0,09	0,10	0,34	0,08	0,60	0,71	2,26				
460	0,00	0,00	0,03	0,01	0,01	0,07	0,08	0,28	0,06	0,50	0,59	1,89				
480	0,02	0,02	0,02	0,02	0,02	0,06	0,07	0,24	0,05	0,42	0,49	1,60				
400	0,02	0,02	0,02	0,02	0,02	0,05	0,05	0,20	0,04	0,35	0,42	1,36				
420	0,01	0,01	0,01	0,01	0,01	0,04	0,04	0,17	0,03	0,30	0,35	1,17				
440	0,01	0,01	0,01	0,01	0,01	0,03	0,03	0,14	0,02	0,26	0,30	1,01				
460	0,01	0,01	0,01	0,01	0,01	0,02	0,02	0,12	0,02	0,22	0,26	0,88				
480	0,01	0,01	0,01	0,01	0,01	0,02	0,02	0,10	0,01	0,19	0,22	0,76				
500	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,09	0,01	0,16	0,19	0,67				
520	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,07	0,01	0,14	0,16	0,59				
540	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,06	0,01	0,12	0,14	0,52				
560	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,05	0,01	0,11	0,12	0,46				
580	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,04	0,01	0,11	0,11	0,41				
600	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,04	0,01	0,09	0,09	0,38				

gramm.: 185 N/mm²; f<sub>s</sub> L/200

È stato considerato il peso proprio del profilato e l'influenza delle asole.  
Calcoli in accordo a RAL-GZ 655-C.9

\*\* Con i profilati doppi di lunghezza fino a 0,5 m è necessario unire due profili nel caso la ribattitura non cada alle estremità (con le asole tipo 3 e 4 utilizzare il morsetto d'accoppiamento KL1).

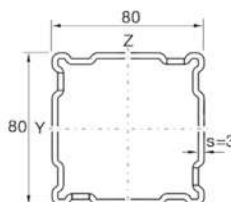
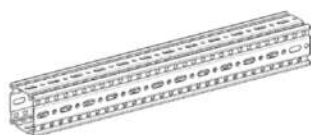
no certificato RAL





## Carichi utili secondo l'eurocodice 3

### Profilo di supporto TP F 80



Profilo semplice con carico monoassiale  
Si considera il peso proprio del profilo

Carico distribuito uniformemente	$L_{max}$	$q_{z, amm}$	$F_z (q_{z, amm} * L)$
	[mm]	[kN/m]	[kN]
	1000	<b>30,21</b>	<b>30,21</b>
	1500	<b>13,38</b>	<b>20,07</b>
	2000	<b>6,30</b>	<b>12,59</b>
	2500	<b>3,22</b>	<b>8,06</b>
	3000	<b>1,87</b>	<b>5,60</b>
	3500	<b>1,17</b>	<b>4,11</b>

$q_z$  [kN/m] come carico permanente di L.

Carico concentrato (1 punto di caricamento)	$L_{max}$	$F_{z, amm}$
	[mm]	[kN]
	1000	<b>15,10</b>
	1500	<b>10,04</b>
	2000	<b>7,49</b>
	2500	<b>5,04</b>
	3000	<b>3,50</b>
	3500	<b>2,57</b>

$F_z$  [kN] come carico permanente alla distanza L/2.

2 punti di caricamento	$L_{max}$	$F_{z, amm}$
	[mm]	[kN]
	1000	<b>11,33</b>
	1500	<b>7,53</b>
	2000	<b>4,62</b>
	2500	<b>2,96</b>
	3000	<b>2,05</b>
	3500	<b>1,51</b>

$F_z$  [kN] come carichi permanenti alla distanza L/3 e 2\*L/3.

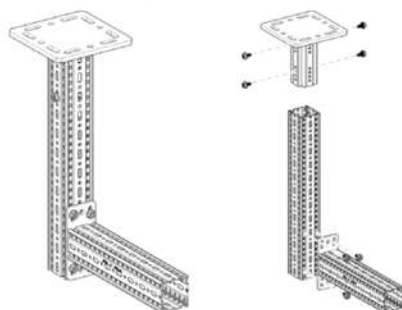
3 punti di caricamento	$L_{max}$	$F_{z, amm}$
	[mm]	[kN]
	1000	<b>7,55</b>
	1500	<b>5,02</b>
	2000	<b>3,31</b>
	2500	<b>2,12</b>
	3000	<b>1,47</b>
	3500	<b>1,08</b>

$F_z$  [kN] come carichi permanenti alla distanza L/4, L/2 e 3\*L/4.

Sollecitazione di flessione max. L/200.

## Carichi utili secondo l'eurocodice 3

### Profilato a L, TP F 80



**Elenco delle parti**  
1 x piastra WBD F 80 1 x  
profilo di supporto TP F 80  
1 x mensola a sbalzo AK F 80  
8 x viti autofilettante FLS F

Carico distribuito uniformemente	H <sub>max</sub> [mm]	L <sub>max</sub> 300		500		700	
		q <sub>z, amm</sub> [kN/m]	F <sub>z</sub> (q <sub>z</sub> * L) [kN]	q <sub>z, amm</sub> [kN/m]	F <sub>z</sub> (q <sub>z</sub> * L) [kN]	q <sub>z, amm</sub> [kN/m]	F <sub>z</sub> (q <sub>z</sub> * L) [kN]
		500	<b>10,42</b>	<b>3,13</b>	<b>4,07</b>	<b>2,03</b>	<b>2,10</b>
1000	<b>8,25</b>	<b>2,47</b>	<b>3,25</b>	<b>1,62</b>	<b>1,69</b>	<b>1,18</b>	
1500	<b>6,82</b>	<b>2,05</b>	<b>2,70</b>	<b>1,35</b>	<b>1,40</b>	<b>0,98</b>	
2000	<b>5,81</b>	<b>1,74</b>	<b>2,31</b>	<b>1,15</b>	<b>1,20</b>	<b>0,84</b>	

q<sub>z</sub> [kN/m] come carico permanente di L.

Carico concentrato (1 punto di caricamento)	H <sub>max</sub> [mm]	L <sub>max</sub> 300		500		700	
		F <sub>z</sub> [kN]	F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z</sub> [kN]	F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z</sub> [kN]	F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]
		500	<b>1,70</b>	<b>1,70</b>	<b>1,06</b>	<b>1,06</b>	<b>0,75</b>
1000	<b>1,36</b>	<b>1,36</b>	<b>0,85</b>	<b>0,85</b>	<b>0,60</b>	<b>0,60</b>	
1500	<b>1,13</b>	<b>1,13</b>	<b>0,71</b>	<b>0,71</b>	<b>0,50</b>	<b>0,50</b>	
2000	<b>0,96</b>	<b>0,96</b>	<b>0,61</b>	<b>0,61</b>	<b>0,43</b>	<b>0,43</b>	

F<sub>z</sub> [kN] come carico permanente alla distanza L; F<sub>x</sub> [kN] come carico variabile alla distanza L.

2 punti di caricamento	H <sub>max</sub> [mm]	L <sub>max</sub> 300		500		700	
		F <sub>z</sub> [kN]	F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z</sub> [kN]	F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z</sub> [kN]	F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]
		500	<b>1,11</b>	<b>1,11</b>	<b>0,70</b>	<b>0,70</b>	<b>0,50</b>
1000	<b>0,88</b>	<b>0,88</b>	<b>0,56</b>	<b>0,56</b>	<b>0,40</b>	<b>0,40</b>	
1500	<b>0,73</b>	<b>0,73</b>	<b>0,47</b>	<b>0,47</b>	<b>0,34</b>	<b>0,34</b>	
2000	<b>0,63</b>	<b>0,63</b>	<b>0,40</b>	<b>0,40</b>	<b>0,29</b>	<b>0,29</b>	

F<sub>z</sub> [kN] come carichi permanenti alla distanza L e L/2; F<sub>x</sub> [kN] come carichi variabili alla distanza L e L/2.

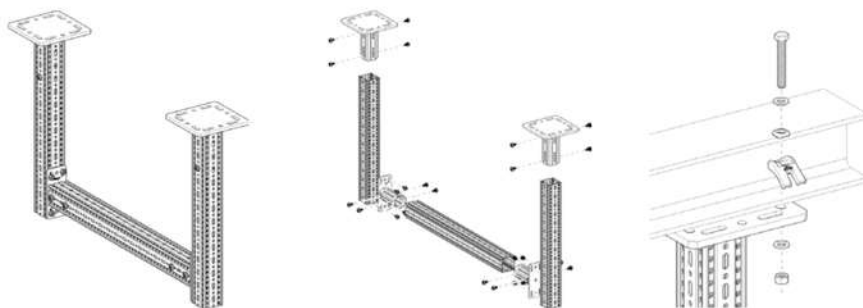
3 punti di caricamento	H <sub>max</sub> [mm]	L <sub>max</sub> 300		500		700	
		F <sub>z</sub> [kN]	F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z</sub> [kN]	F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z</sub> [kN]	F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]
		500	<b>0,82</b>	<b>0,82</b>	<b>0,52</b>	<b>0,52</b>	<b>0,37</b>
1000	<b>0,65</b>	<b>0,65</b>	<b>0,41</b>	<b>0,41</b>	<b>0,30</b>	<b>0,30</b>	
1500	<b>0,54</b>	<b>0,54</b>	<b>0,35</b>	<b>0,35</b>	<b>0,25</b>	<b>0,25</b>	
2000	<b>0,46</b>	<b>0,46</b>	<b>0,30</b>	<b>0,30</b>	<b>0,21</b>	<b>0,21</b>	

F<sub>z</sub> [kN] come carichi permanenti alla distanza L, 2\*L/3 e L/3; F<sub>x</sub> [kN] come carichi variabili alla distanza L, 2\*L/3 e L/3.

Tutte le costruzioni illustrate possono essere installate anche verticalmente (in piedi).  
Coefficiente di attrito μ<sub>0</sub> = 0,2 per l'attrito in direzione longitudinale. Deviazione max. H/100; L/100.

## Carichi utili secondo l'eurocodice 3

### Telaio F 80



- Elenco delle parti**  
 2 piastra WBD F 80 3 x  
 profilo di supporto TP F 80  
 2 x sostegno laterale STA  
 F 80  
 24 x vite autofilettante FLS

**Carico distribuito uniformemente**

H <sub>max</sub>	L <sub>max</sub>	500		1000		1500		2000		2500		3000	
		q <sub>z, amm</sub> [kN/m]	F <sub>z</sub> (q <sub>z</sub> * L) [kN]	q <sub>z, amm</sub> [kN/m]	F <sub>z</sub> (q <sub>z</sub> * L) [kN]	q <sub>z, amm</sub> [kN/m]	F <sub>z</sub> (q <sub>z</sub> * L) [kN]	q <sub>z, amm</sub> [kN/m]	F <sub>z</sub> (q <sub>z</sub> * L) [kN]	q <sub>z, amm</sub> [kN/m]	F <sub>z</sub> (q <sub>z</sub> * L) [kN]	q <sub>z, amm</sub> [kN/m]	F <sub>z</sub> (q <sub>z</sub> * L) [kN]
[mm]	[mm]	[kN/m]	[kN]	[kN/m]	[kN]	[kN/m]	[kN]	[kN/m]	[kN]	[kN/m]	[kN]	[kN/m]	[kN]
1000		39,47	19,37	19,37	19,37	12,56	18,85	6,76	13,52	3,89	9,71	2,43	7,30
1500		39,47	19,37	19,37	19,37	12,66	18,99	6,65	13,29	3,82	9,55	2,39	7,18
2000		39,47	19,37	19,37	19,37	12,56	18,83	6,55	13,09	3,76	9,41	2,36	7,07
2500		39,47	19,37	19,37	19,37	12,43	18,64	6,46	12,91	3,71	9,28	2,32	6,97
3000		39,47	19,37	19,37	19,37	12,27	18,40	6,38	12,75	3,67	9,16	2,29	6,88

q<sub>z</sub> [kN/m] come carico permanente di L.

**Carico concentrato (1 punto di caricamento)**

H <sub>max</sub>	L <sub>max</sub>	500		1000		1500		2000		2500		3000	
		F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]
[mm]	[mm]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1000		19,67	9,02	16,21	8,76	11,21	8,18	8,63	6,56	6,08	5,38	4,52	4,25
1500		19,67	5,49	16,13	5,42	11,15	5,26	8,51	5,00	5,99	4,63	4,45	4,18
2000		19,67	3,74	16,04	3,72	11,09	3,66	8,40	3,56	5,92	3,41	4,39	3,22
2500		19,67	2,74	15,96	2,73	11,04	2,70	8,31	2,65	5,85	2,59	4,34	2,49
3000		19,67	2,09	15,89	2,09	10,98	2,08	8,22	2,05	5,78	2,02	4,29	1,97

F<sub>z</sub> [kN] come carico permanente alla distanza L/2; F<sub>x</sub> [kN] come carico variabile alla distanza L/2.

**2 punti di caricamento**

H <sub>max</sub>	L <sub>max</sub>	500		1000		1500		2000		2500		3000	
		F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]
[mm]	[mm]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1000		9,85	4,52	9,60	4,40	7,61	4,15	5,10	3,76	3,61	3,27	2,69	2,53
1500		9,85	2,75	9,60	2,72	7,49	2,65	5,02	2,53	3,55	2,37	2,65	2,17
2000		9,85	1,87	9,60	1,86	7,38	1,84	4,95	1,79	3,51	1,73	2,61	1,64
2500		9,85	1,37	9,60	1,36	7,29	1,35	4,89	1,33	3,46	1,30	2,58	1,26
3000		9,85	1,05	9,60	1,04	7,20	1,04	4,83	1,03	3,42	1,01	2,55	0,99

F<sub>z</sub> [kN] come carichi permanenti alla distanza 2\*L/3 e L/3; F<sub>x</sub> [kN] come carichi variabili alla distanza 2\*L/3 e L/3.

**3 punti di caricamento**

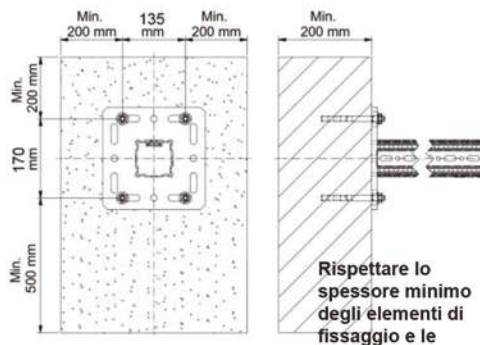
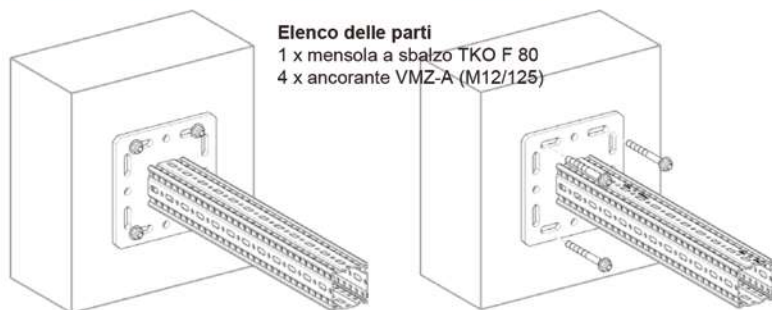
H <sub>max</sub>	L <sub>max</sub>	500		1000		1500		2000		2500		3000	
		F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = 0 [kN]	F <sub>z, amm</sub> per F <sub>x</sub> = μ <sub>0</sub> * F <sub>z</sub> [kN]
[mm]	[mm]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1000		6,57	3,01	6,42	2,94	5,37	2,78	3,63	2,54	2,58	2,22	1,93	1,81
1500		6,57	1,83	6,42	1,81	5,29	1,77	3,57	1,70	2,54	1,60	1,90	1,47
2000		6,57	1,25	6,42	1,24	5,21	1,23	3,52	1,20	2,50	1,16	1,87	1,10
2500		6,57	0,91	6,42	0,91	5,14	0,90	3,48	0,89	2,47	0,87	1,85	0,85
3000		6,57	0,70	6,42	0,70	5,08	0,69	3,44	0,69	2,44	0,68	1,82	0,66

F<sub>z</sub> [kN] come carichi permanenti alla distanza 3\*L/4, L/2 e L/4; F<sub>x</sub> [kN] come carichi variabili alla distanza 3\*L/4, L/4 e L/4.

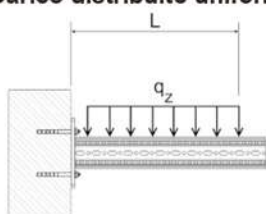
Tutte le costruzioni illustrate possono essere installate anche verticalmente (in piedi).  
 Coefficiente di attrito μ<sub>0</sub> = 0,2 per l'attrito in direzione longitudinale. Deviazione max. H/100; L/200.

## Carichi utili secondo l'eurocodice 3

### Mensola a sbalzo F 80 - variante b) con ancoraggio



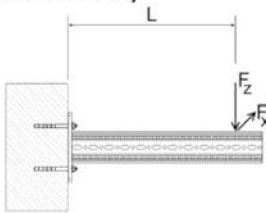
#### Carico distribuito uniformemente



$L_{max}$	$q_z$ , amm	$F_z$ ( $q_z$ , amm * L)
[mm]	[kN/m]	[kN]
300	<b>42,31</b>	<b>12,69</b>
500	<b>21,76</b>	<b>10,88</b>
700	<b>13,61</b>	<b>9,52</b>

$q_z$  [kN/m] come carico permanente alla distanza L.

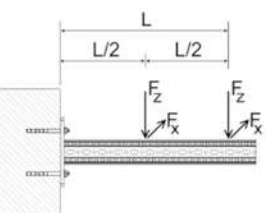
#### Carico concentrato (1 punto di carico)



$L_{max}$	$F_z$ , amm per	
	$F_x = 0$	$F_x = \mu_0 * F_z$
[mm]	[kN]	[kN]
300	<b>10,16</b>	<b>10,16</b>
500	<b>7,37</b>	<b>7,37</b>
700	<b>4,44</b>	<b>4,44</b>

$F_z$  [kN] come carico permanente alla distanza L;  $F_x$  [kN] come carico variabile alla distanza L.

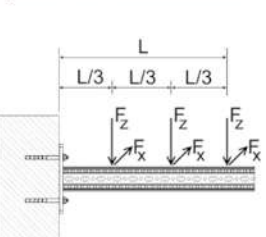
#### 2 punti di carico



$L_{max}$	$F_z$ , amm per	
	$F_x = 0$	$F_x = \mu_0 * F_z$
[mm]	[kN]	[kN]
300	<b>5,64</b>	<b>5,64</b>
500	<b>4,62</b>	<b>4,62</b>
700	<b>3,18</b>	<b>3,18</b>

$F_z$  [kN] come carichi permanenti alla distanza L e L/2;  $F_x$  [kN] come carichi variabili alla distanza L e L/2.

#### 3 punti di carico



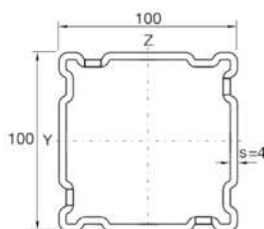
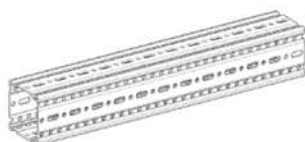
$L_{max}$	$F_z$ , amm per	
	$F_x = 0$	$F_x = \mu_0 * F_z$
[mm]	[kN]	[kN]
300	<b>3,91</b>	<b>3,91</b>
500	<b>3,24</b>	<b>3,24</b>
700	<b>2,44</b>	<b>2,44</b>

$F_z$  [kN] come carichi permanenti alla distanza L,  $2 * L/3$  e  $L/3$ ;  $F_x$  [kN] come carichi variabili alla distanza L,  $2 * L/3$  e  $L/3$ .

Coefficiente di attrito  $\mu_0 = 0,2$  per l'attrito in direzione longitudinale. Deviazione max. L/100.

## Carichi utili secondo l'eurocodice 3

### Profilo di supporto TP F 100



Profilo semplice con carico monoassiale  
Si considera il peso morto del profilo

Carico distribuito uniformemente		$L_{max}$	$q_z$ , $_{omm}$	$F_z$ ( $q_z$ , $_{omm}$ * L)
		[mm]	[kN/m]	[kN]
		1000	<b>70,50</b>	<b>70,50</b>
		2000	<b>17,53</b>	<b>35,06</b>
		3000	<b>5,37</b>	<b>16,11</b>
		4000	<b>2,27</b>	<b>9,06</b>
		5000	<b>1,16</b>	<b>5,80</b>
		6000	<b>0,67</b>	<b>4,03</b>

$q_z$  [kN/m] come carico permanente di L.

Carico concentrato (1 punto di caricamento)		$L_{max}$	$F_z$ , $_{omm}$
		[mm]	[kN]
		1000	<b>35,30</b>
		2000	<b>17,50</b>
		3000	<b>10,10</b>
		4000	<b>5,70</b>
		5000	<b>3,60</b>
		6000	<b>2,50</b>

$F_z$  [kN] come carico permanente nel punto L/2.

2 punti di caricamento		$L_{max}$	$F_z$ , $_{omm}$
		[mm]	[kN]
		1000	<b>26,40</b>
		2000	<b>13,10</b>
		3000	<b>5,90</b>
		4000	<b>3,30</b>
		5000	<b>2,10</b>
		6000	<b>1,50</b>

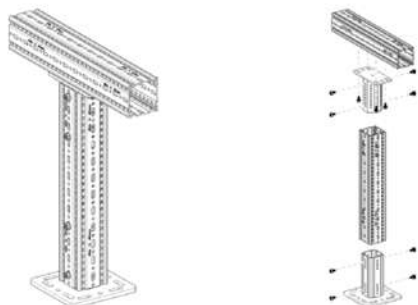
$F_z$  [kN] come carichi permanenti nei punti L/3 e 2\*L/3.

3 punti di caricamento		$L_{max}$	$F_z$ , $_{omm}$
		[mm]	[kN]
		1000	<b>17,60</b>
		2000	<b>8,80</b>
		3000	<b>4,20</b>
		4000	<b>2,40</b>
		5000	<b>1,50</b>
		6000	<b>1,10</b>

$F_z$  [kN] come carichi permanenti nei punti L/4, L/2 e 3\*L/4.

## Carichi utili secondo l'eurocodice 3

### Supporto a T F 100



**Elenco delle parti**  
1 x piastra WBD F 100 2 x  
profilo di supporto TP F 100  
1 x sostegno laterale STA F  
100  
12 x viti autofilettante FLS F

Carico distribuito uniformemente - simmetrico	$H_{max}$	$q_z$ , am	$F_z$ ( $q_z$ , am * 1m)
	[mm]	[kN/m]	[kN]
	1000	<b>13,98</b>	<b>13,98</b>
	1500	<b>13,92</b>	<b>13,92</b>
	2000	<b>13,86</b>	<b>13,86</b>
	2500	<b>13,80</b>	<b>13,80</b>
	$q_z$ [kN/m] come carico permanente di $L$ ; $L_{max} = 1.100$ mm.		

1 punto di caricamento - al centro	$H_{max}$	$F_z$ , am per	
		$F_x = 0$	$F_x = \mu_0 * F_z$
	[mm]	[kN]	[kN]
	1000	<b>12,85</b>	<b>7,68</b>
	1500	<b>12,80</b>	<b>4,53</b>
	2000	<b>12,74</b>	<b>3,07</b>
	2500	<b>12,69</b>	<b>2,24</b>
	$F_z$ [kN] come carico permanente; $F_x$ [kN] come carico variabile; sollecitazione centrale per l'eccentricità pianificata di $\pm 50$ mm.		

2 punti di caricamento - simmetrico	$H_{max}$	$F_z$ , am per	
		$F_x = 0$	$F_x = \mu_0 * F_z$
	[mm]	[kN]	[kN]
	1000	<b>6,98</b>	<b>4,36</b>
	1500	<b>6,95</b>	<b>2,53</b>
	2000	<b>6,92</b>	<b>1,70</b>
	2500	<b>6,89</b>	<b>1,24</b>
	$F_z$ [kN] come carichi permanenti; $F_x$ [kN] come carichi variabili; $L_{max} = 1.100$ mm.		

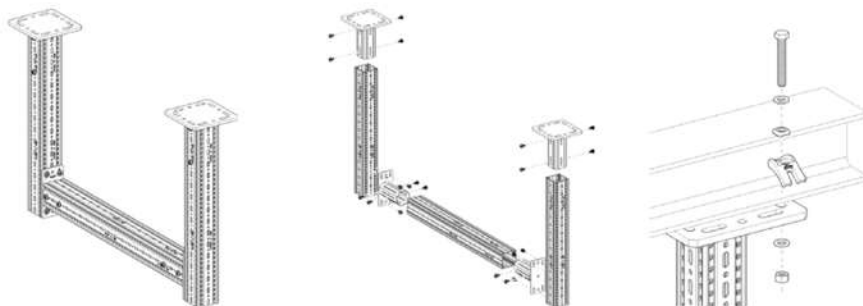
  

3 punti di caricamento - simmetrico	$H_{max}$	$F_z$ , am per	
		$F_x = 0$	$F_x = \mu_0 * F_z$
	[mm]	[kN/m]	[kN]
	1000	<b>4,65</b>	<b>2,91</b>
	1500	<b>4,63</b>	<b>1,69</b>
	2000	<b>4,61</b>	<b>1,13</b>
	2500	<b>4,59</b>	<b>0,82</b>
	$F_z$ [kN] come carichi permanenti; $F_x$ [kN] come carichi variabili; $L_{max} = 1.100$ mm.		

Coefficiente di attrito  $\mu_0 = 0,2$  per l'attrito in direzione longitudinale. Deviazione max.  $H/150$ .

## Carichi utili secondo l'eurocodice 3

### Telaio F 100



**Elenco delle parti**  
2 x piastra WBD F 100 3 x  
profilo di supporto TP F 100  
2 x sostegno laterale STA F  
100  
24 x viti autofilettante FLS F

Carico distribuito uniformemente	L <sub>max</sub> H <sub>max</sub> [mm]	1500		2000		2500		3000		3500		4000	
		q <sub>z</sub> , amm	F <sub>z</sub> (q <sub>z</sub> * L)	q <sub>z</sub> , amm	F <sub>z</sub> (q <sub>z</sub> * L)	q <sub>z</sub> , amm	F <sub>z</sub> (q <sub>z</sub> * L)	q <sub>z</sub> , amm	F <sub>z</sub> (q <sub>z</sub> * L)	q <sub>z</sub> , amm	F <sub>z</sub> (q <sub>z</sub> * L)	q <sub>z</sub> , amm	F <sub>z</sub> (q <sub>z</sub> * L)
		[kN/m]	[kN]	[kN/m]	[kN]	[kN/m]	[kN]	[kN/m]	[kN]	[kN/m]	[kN]	[kN/m]	[kN]
1500	16,48	24,72	12,29	24,57	9,75	24,38	6,23	18,70	4,18	14,63	2,94	11,78	
2000	16,42	24,63	12,23	24,46	9,70	24,24	6,16	18,49	4,13	14,47	2,91	11,64	
2500	16,38	24,57	12,18	24,37	9,65	24,12	6,10	18,29	4,09	14,31	2,88	11,51	
3000	16,33	24,50	12,14	24,28	9,55	23,88	6,04	18,11	4,05	14,17	2,85	11,40	
3500	16,31	24,46	12,13	24,25	9,46	23,65	5,98	17,94	4,01	14,04	2,82	11,29	

q<sub>z</sub> [kN/m] come carico permanente di L.

Carico concentrato (1 punto di caricamento)	L <sub>max</sub> H <sub>max</sub> [mm]	1500		2000		2500		3000		3500		4000	
		F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per
		[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1500	24,61	8,39	19,50	8,39	15,77	8,23	11,76	8,23	9,11	8,09	7,28	6,94	
2000	24,51	6,33	19,43	6,24	15,62	6,24	11,65	6,15	9,02	6,07	7,21	6,07	
2500	24,39	5,21	19,34	5,15	15,48	5,09	11,54	5,09	8,94	5,03	7,14	4,98	
3000	24,36	4,33	19,26	4,29	15,35	4,25	11,44	4,21	8,86	4,21	7,08	4,17	
3500	24,33	3,75	19,20	3,75	15,23	3,72	11,35	3,68	8,79	3,66	7,02	3,63	

F<sub>z</sub> [kN] come carico permanente alla distanza L/2; F<sub>x</sub> [kN] come carico variabile alla distanza L/2.

2 punti di caricamento	L <sub>max</sub> H <sub>max</sub> [mm]	1500		2000		2500		3000		3500		4000	
		F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per
		[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1500	12,32	4,16	12,22	4,13	9,29	4,10	6,96	4,06	5,41	4,03	4,33	3,98	
2000	12,27	3,18	12,15	3,16	9,19	3,14	6,89	3,12	5,35	3,09	4,28	3,06	
2500	12,23	2,58	12,11	2,57	9,10	2,55	6,82	2,53	5,30	2,51	4,24	2,49	
3000	12,21	2,17	12,05	2,16	9,02	2,15	6,76	2,13	5,25	2,12	4,20	2,10	
3500	12,19	1,87	12,03	1,86	8,94	1,86	6,70	1,84	5,20	1,83	4,16	1,82	

F<sub>z</sub> [kN] come carichi permanenti alla distanza 2\*L/3 e L/3; F<sub>x</sub> [kN] come carichi variabili alla distanza 2\*L/3 e L/3.

3 punti di caricamento	L <sub>max</sub> H <sub>max</sub> [mm]	1500		2000		2500		3000		3500		4000	
		F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per	F <sub>z</sub> , amm per	F <sub>x</sub> , amm per
		[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1500	8,22	2,77	8,16	2,75	6,62	2,73	4,97	2,71	3,87	2,69	3,11	2,66	
2000	8,19	2,12	8,11	2,11	6,55	2,10	4,92	2,08	3,83	2,06	3,07	2,05	
2500	8,16	1,72	8,08	1,71	6,48	1,70	4,87	1,69	3,79	1,68	3,04	1,66	
3000	8,14	1,45	8,05	1,44	6,42	1,43	4,83	1,42	3,76	1,41	3,01	1,40	
3500	8,13	1,25	8,03	1,24	6,37	1,24	4,79	1,23	3,72	1,22	2,98	1,21	

F<sub>z</sub> [kN] come carichi permanenti alla distanza 3\*L/4, L/2 e L/4; F<sub>x</sub> [kN] come carichi variabili alla distanza 3\*L/4, L/2 e L/4.

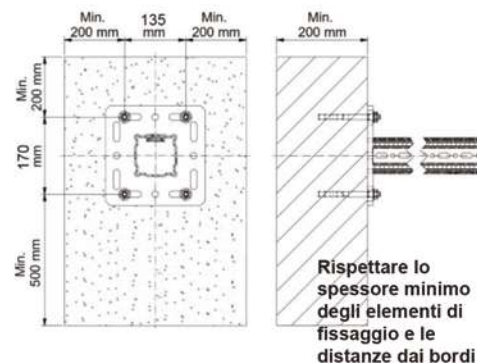
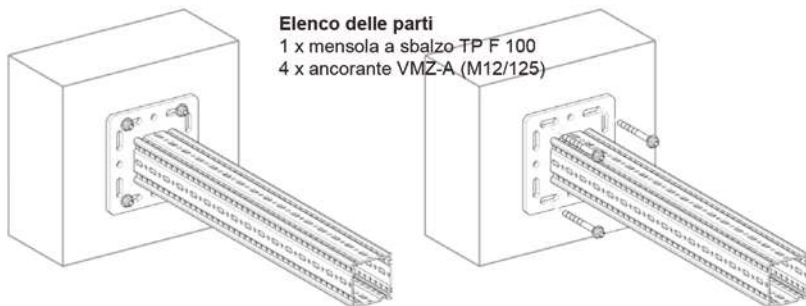
Tutte le costruzioni illustrate possono essere installate anche verticalmente (in piedi).

Coefficiente di attrito μ<sub>0</sub> = 0,2 per l'attrito in direzione longitudinale. Deviazione max. H/100; L/200.

I prezzi sono espressi al netto di IVA e si intendono per singola unità.

## Carichi utili secondo l'eurocodice 3

### Mensola a sbalzo F 100 - variante b) con ancoraggio



Carico distribuito uniformemente	$L_{max}$	$q_z, amm$	$F_z (q_z, amm * L)$
	[mm]	[kN/m]	[kN]
	300	<b>42,31</b>	<b>12,69</b>
	500	<b>21,76</b>	<b>10,88</b>
	700	<b>13,61</b>	<b>9,52</b>
	900	<b>9,41</b>	<b>8,47</b>
	1100	<b>6,93</b>	<b>7,62</b>

$q_z$  [kN/m] come carico permanente di L.

Carico concentrato (1 punto di carico)	$L_{max}$	$F_z, amm$ per	
		$F_x = 0$	$F_x = \mu_0 * F_z$
	[mm]	[kN]	[kN]
	300	<b>10,16</b>	<b>10,16</b>
	500	<b>8,02</b>	<b>8,02</b>
	700	<b>6,63</b>	<b>6,63</b>
	900	<b>5,33</b>	<b>5,33</b>
	1100	<b>4,35</b>	<b>4,35</b>

$F_z$  [kN] come carico permanente alla distanza L;  $F_x$  [kN] come carico variabile alla distanza L.

2 punti di carico	$L_{max}$	$F_z, amm$ per	
		$F_x = 0$	$F_x = \mu_0 * F_z$
	[mm]	[kN]	[kN]
	300	<b>5,64</b>	<b>5,64</b>
	500	<b>4,62</b>	<b>4,62</b>
	700	<b>3,91</b>	<b>3,91</b>
	900	<b>3,39</b>	<b>3,39</b>
	1100	<b>2,90</b>	<b>2,90</b>

$F_z$  [kN] come carichi permanenti alla distanza L e L/2;  $F_x$  [kN] come carichi variabili alla distanza L e L/2.

3 punti di carico	$L_{max}$	$F_z, amm$ per	
		$F_x = 0$	$F_x = \mu_0 * F_z$
	[mm]	[kN/m]	[kN]
	300	<b>3,91</b>	<b>3,91</b>
	500	<b>3,24</b>	<b>3,24</b>
	700	<b>2,77</b>	<b>2,77</b>
	900	<b>2,42</b>	<b>2,42</b>
	1100	<b>2,15</b>	<b>2,15</b>

$F_z$  [kN] come carichi permanenti alla distanza L, 2\*L/3 e L/3;  $F_x$  [kN] come carichi variabili alla distanza L, 2\*L/3 e L/3.

Coefficiente di attrito  $\mu_0 = 0,2$  per l'attrito in direzione longitudinale. Deviazione max. L/100.

# Tubi in acciaio EN 10220 (DIN 2448)

DN	Ø ["]	Ø [mm]	Sp. [mm]	Peso [kg/m]	+ acqua [kg/m]	+ coib. [kg/m]	Staffaggio max [m]
10	3/8	17,2	1,8	0,69	0,93	1,50	1,40
15	1/2	21,3	2,0	0,96	1,20	2,50	1,60
20	3/4	26,9	2,3	1,41	1,80	3,20	1,85
25	1	33,7	2,6	2,01	2,65	4,30	2,15
32	1 ¼	42,4	2,6	2,70	3,91	5,50	2,50
40	1 ½	48,3	2,6	2,95	4,41	6,00	2,60
50	2	60,3	2,9	4,14	6,47	9,00	3,00
65	2 ½	76,1	2,9	5,28	9,16	13,90	3,50
80	3	88,9	3,2	6,81	12,15	18,40	3,80
100	4	114,3	3,6	9,90	18,90	28,80	4,20
125	5	139,7	4,0	13,50	27,12	38,20	4,50
150	6	168,3	4,5	18,10	36,93	50,60	4,90
200	8	219,1	5,9	31,00	64,73	79,50	5,50
250	10	273,0	6,3	41,60	95,40	111,70	5,90
300	12	323,9	7,1	55,60	130,85	150,00	6,40
350	14	355,6	8,0	68,58	159,16	180,18	6,60
400	16	406,4	8,8	85,90	204,40	227,70	7,10
450	18	457,2	10,0	110,24	260,22	287,25	7,30
500	20	508,0	11,0	135,00	320,50	345,50	8,00
550	22	559,0	12,5	168,47	392,43	428,48	8,00
600	24	609,6	12,5	184,19	452,97	489,04	8,00

Le seguenti condizioni generali di vendita fanno parte integrante di tutti i nostri contratti di fornitura di materiali, anche quando gli ordini vengono assunti telefonicamente, verbalmente, a mezzo fax, per posta o e-mail.

**Clients:** Prosystem Italia S.r.l. commercializza in Italia i prodotti a marchio Sikla, Flamco ed Emco rivolgendosi esclusivamente ad una clientela professionale. Il cliente assicura che l'acquisto dei prodotti avviene a fini esclusivamente professionali, vale a dire attinenti alla propria attività lavorativa. Il rapporto tra Prosystem Italia ed i clienti, non sarà pertanto disciplinato dalle normative a tutela dei consumatori, fra cui in particolare il D. lg. 185/1999 (contratti conclusi a distanza), D. lg. 50/1992 (diritto di recesso), d.lvo 24/2002, l.126/1991 e artt. 1469 e ss. del c.c.

**Prezzi:** I prezzi di listino Prosystem sono espressi in Euro, al netto di IVA per singola unità di misura.

**Pagamento:** Per pagamento ritardato oltre i termini previsti dalla fattura verranno addebitati gli interessi nella misura pari agli interessi legali maggiorati di tre punti e relative spese.

**Condizioni sospensive:** I contratti di vendita si intendono sempre conclusi "salvo approvazione della casa".

**Fatture:** Eventuali reclami o contestazioni su fatture saranno accettati a condizione che pervengano alla sede Prosystem Italia a mezzo lettera, fax o e-mail entro otto giorni dalla data di ricezione della fattura stessa.

**Resi:** Le seguenti disposizioni in materia di resi saranno applicate in due differenti casi:  
In caso di errore Prosystem nell'inserimento dell'ordine, nella spedizione o consegna;  
Nell'ipotesi in cui Prosystem decida a propria discrezione, ovvero concordi con il cliente, di applicare una disciplina di maggior favore per il cliente stesso.

La merce viene resa franco ns. magazzino di Pianiga (VE). Salvo diverse disposizione del committente, la spedizione avviene in porto franco con addebito in fattura delle spese di porto sulla base di particolari condizioni stipulate con i rispettivi vettori. Il materiale viaggia a rischio e pericolo del committente anche se spedito in porto franco. Eventuali reclami possono essere accettati soltanto se notificati a mezzo lettera, fax o e-mail entro otto giorni dalla data di ricevimento del materiale. Trascorso tale periodo decade ogni diritto di reclamo.

**Contributo fisso:** Per ogni spedizione inferiore a Euro 100, in aggiunta al costo della stessa verrà addebitato in fattura l'importo di Euro 5,00 corrispondente al contributo fisso calcolato in via forfettaria. La merce dovrà essere inviata in porto franco presso ns. sede di Pianiga (VE).

**Condizioni generali di accettazione dei resi:**  
Richiesta di autorizzazione e motivazione chiara del reso;  
Autorizzazione di reso da parte di Prosystem Italia S.r.l.;  
Vs. bolla di reso riportante numero autorizzazione del reso e numero bolla di riferimento Prosystem;  
Prodotti non danneggiati, imballaggi ed etichette integri;  
I prodotti non a catalogo, o comunque forniti in base alle speciali esigenze del cliente non sono accettati;  
In caso di errore del cliente sarà applicata un penale corrispondente al 20% del valore della merce stessa, e saranno addebitate le spese di trasporto.

**Condizioni di garanzia**  
La casa mandante / venditrice trasferisce al committente / acquirente le garanzie accordate dalle Società rappresentante. In particolare la garanzia è valida per i difetti occulti e per i vizi non palesi dei materiali. I danni provocati da cause esterne al regolare montaggio e al normale funzionamento o dovuto a manomissioni, sono escluse da garanzia.

Le immagini dei prodotti sono puramente indicative

\*verificare i certificati disponibili sul catalogo on line.



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