

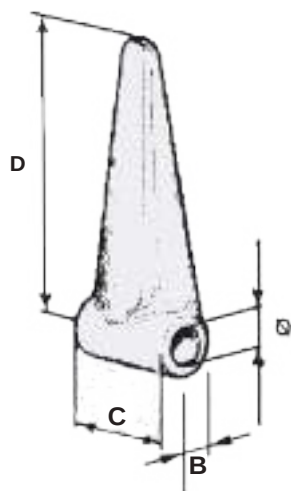


GRUPPO 15

Cerniere e chiusure per sponde in ferro

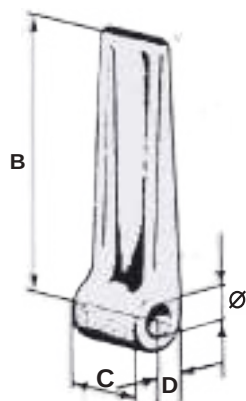


Cerniere e chiusure per sponde in ferro



Cerniere piatte

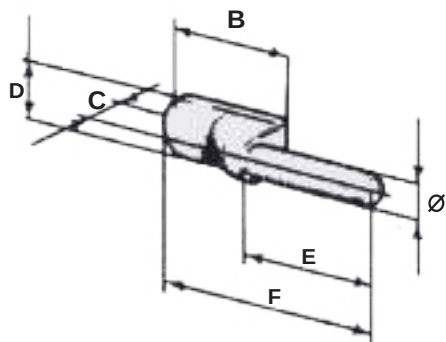
Cod.	Descrizione	Quote (mm)				Kg
		Ø	B	C	D	
15000020	leggera	12	10	30	95	0,095
15000030	media	14	12	32	108	0,195
15000040	pesante	15,5	13,5	42	123	0,330
15000050	pesantissima	17	14	43	123	0,380



Cerniere piatte

Cod.	Descrizione	Quote (mm)				Kg
		Ø	B	C	D	
15000060	leggerissima	12	56	30	9,5	0,110
15000070	leggera	14	105	43	12	0,320
15000080	media	17	138	40	13	0,440
15000090	pesante	17	190	36	17	0,670

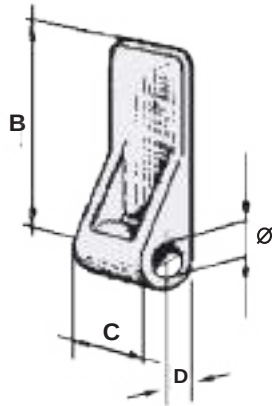
Perni per cerniere bombate/piatte



Cod.	Descrizione	Quote (mm)						Kg
		Ø	B	C	D	E	F	
15000100	leggerissima	11	52	14	27	43	95	0,085
15000110	leggera	13	48	13	27	49	100	0,120
15000120	media	15	51	15	31	53	104	0,160
15000130	pesante	16	63	15	30	55	119	0,200

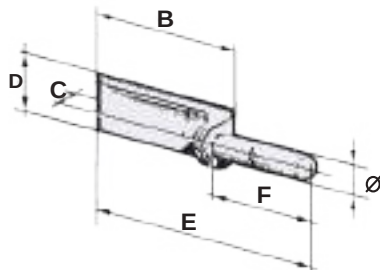


Cerniere e chiusure per sponde in ferro



Cerniere piatte tipo "F"

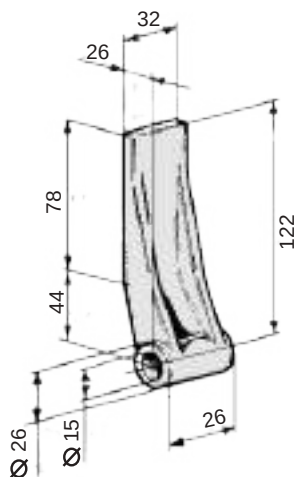
Cod.	Descrizione	Quote (mm)				Kg	Codice perno
		Ø	B	C	D		
15000140	leggera	12	52	25	12	0,125	010639.00
15000150	pesante	16	70	35	14,5	270	010641.00



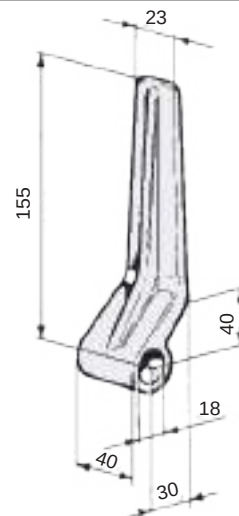
Perni per cerniere piatte tipo "F"

Cod.	Descrizione	Quote (mm)				Kg
		Ø	B	C	D	
15000160	leggerissima	12	56	30	9,5	0,110
15000170	leggera	14	105	43	12	0,320
15000280	media	17	138	40	13	0,440
15000290	pesante	17	190	36	17	0,670

15000180 Cerniera piatta con foro diam. 15



15000190 Cerniera piatta con foro diam. 18

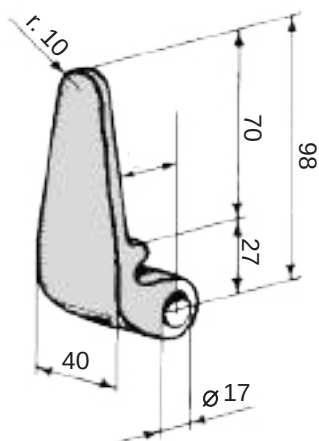




Cerniere e chiusure per sponde in ferro

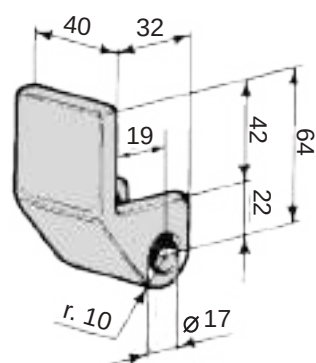
15000210

Cerniera tipo Cardi



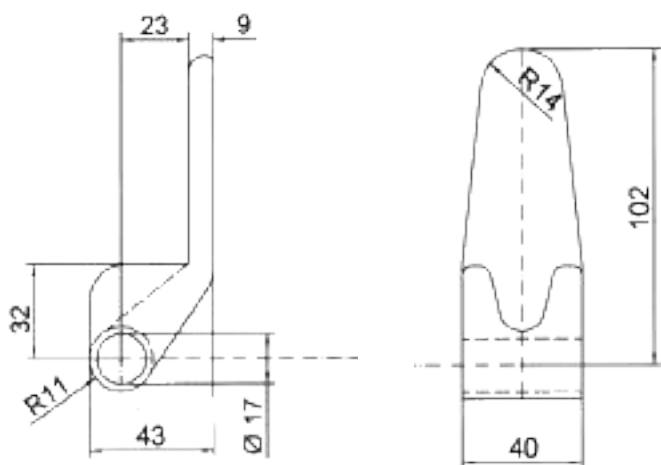
15000220

Cerniera bilaterale serie bassa



15000230

Cerniera bilaterale pesante

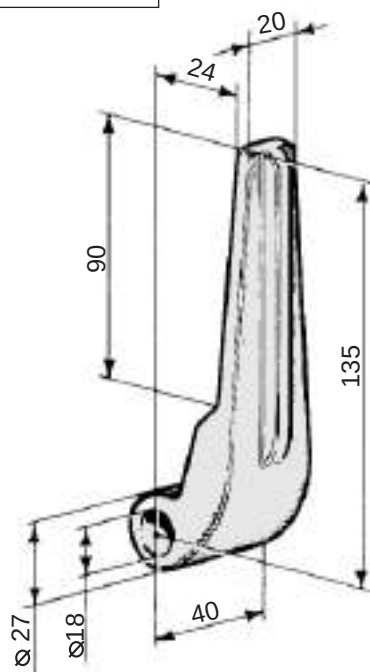




Cerniere e chiusure per sponde in ferro

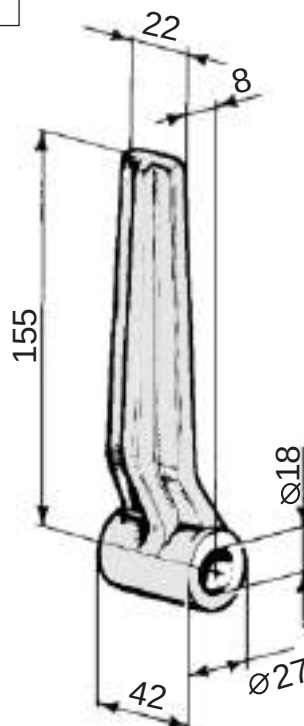
15000240

Cerniera bilaterale



15000260

Cerniera tipo Salerno

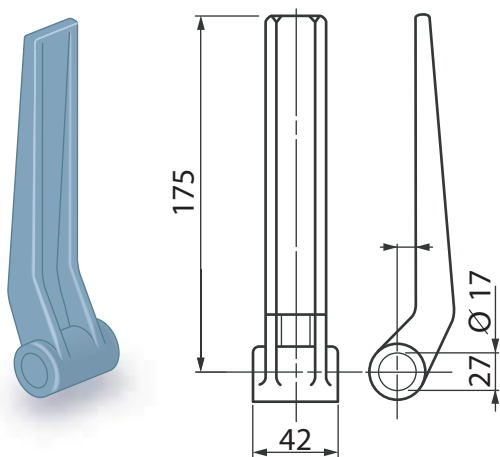




Cerniere e chiusure per sponde in ferro

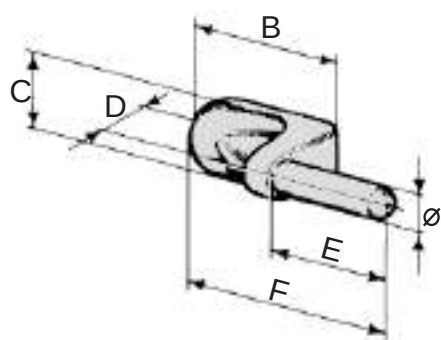
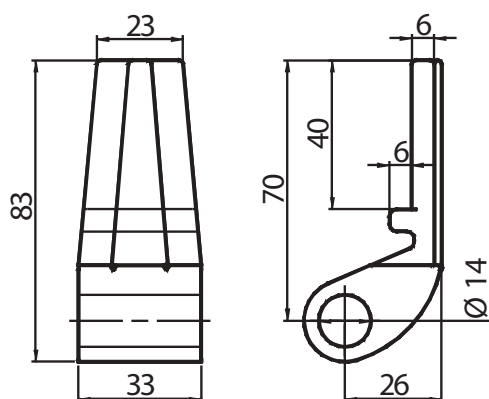
15000270

Cerniera
tipo Viberti



15000250

Cerniera
tipo Viberti

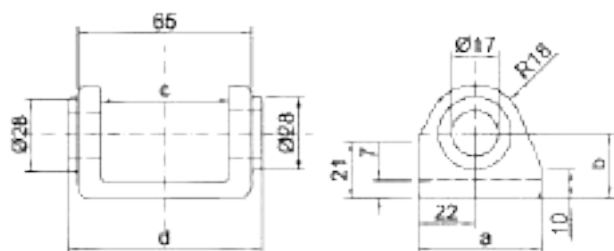


Perni per cerniere

Cod.	Quote (mm)						Kg
	Ø	B	C	D	E	F	
15000330	16	61	34	25	52	113	0,250
15000320	16	54	36	30	56	110	0,250
15000300	13	41	30	26	38	83	0,140

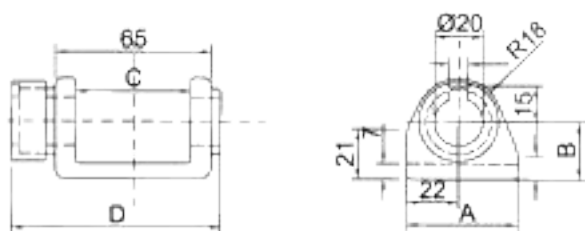


Cerniere e chiusure per sponde in ferro



Supporti cerniera

Cod.	Quote (mm)				Kg
	A	B	C	D	
15000340	46	24	49	73	0,240
15000350	48	34	46	70	0,240

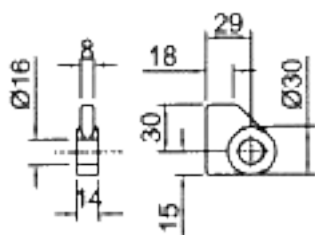


Supporti cerniera con bussola

Cod.	Quote (mm)				Kg
	A	B	C	D	
15000360	46	24	49	73	0,300
15000370	48	34	46	70	0,300

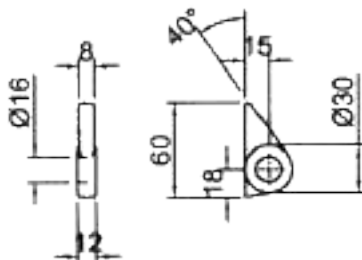
15000380

Orecchietta h 29
kg 0,110



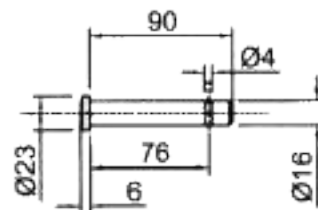
15000390

Orecchietta h 15
kg 0,080



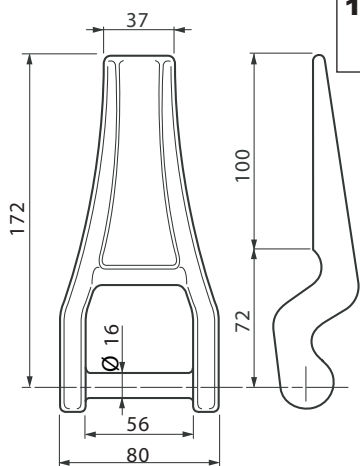
15000400

Spinotto Ø16
kg 0,110

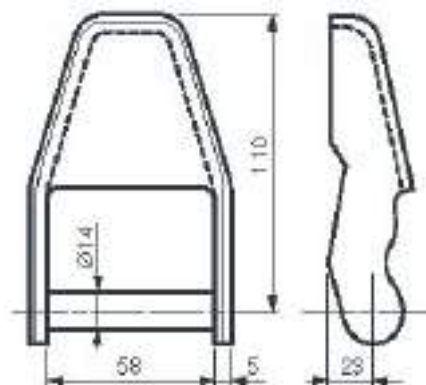
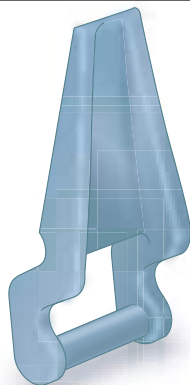




Cerniere e chiusure per sponde in ferro



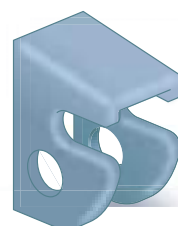
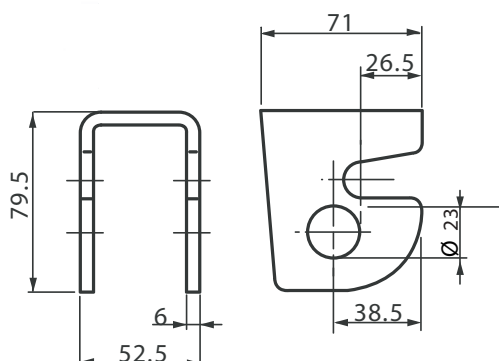
15000410 Cerniera sponda
kg 0,920



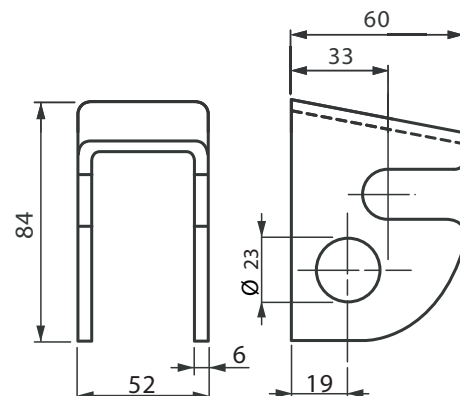
15000420 Cerniera sponda
kg 0,350



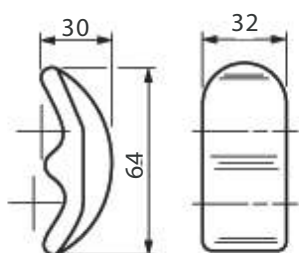
15000430 Supporto cerniera
kg 0,500



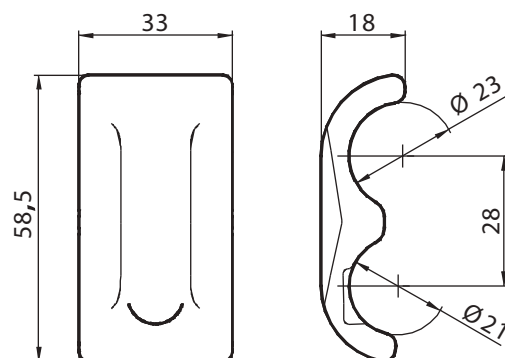
15000440 Supporto barra
kg 0,355



15000450 Paletta corta
kg 0,200

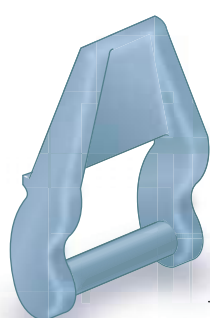


20010930 Paletta
kg 0,220

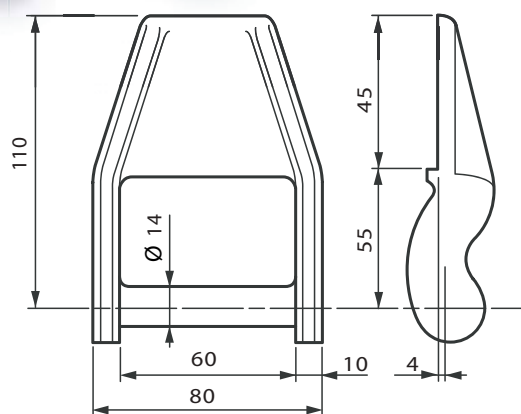




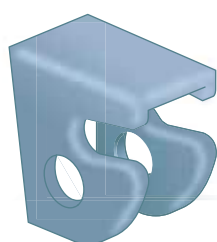
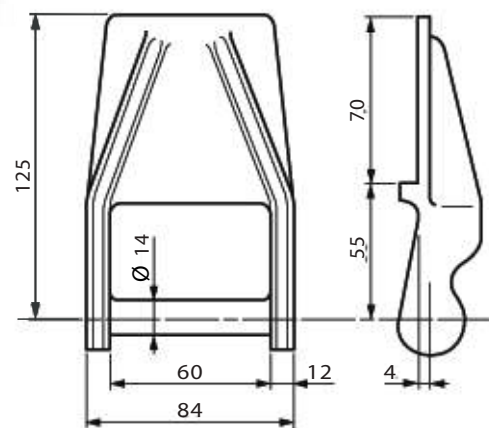
Cerniere e chiusure per sponde in ferro



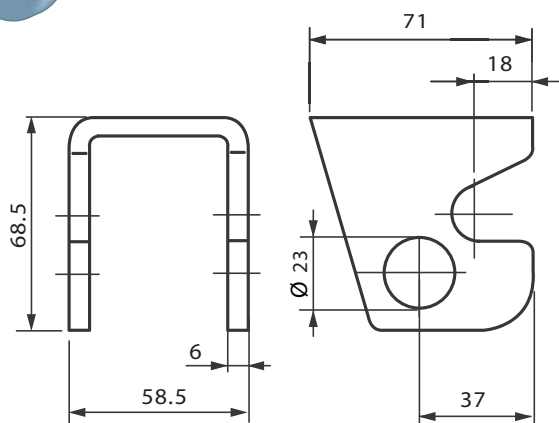
15000470	Cerniera sponda kg 0,535
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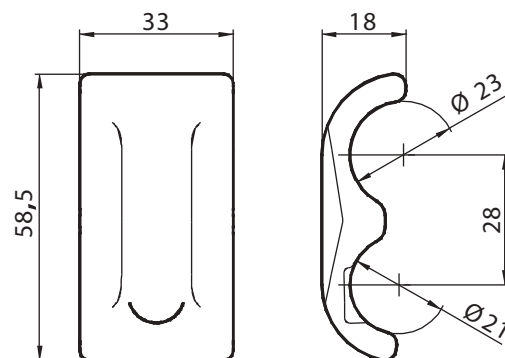
15000480	Cerniera sponda kg 0,610
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15000490	Supporto barra kg 0,445
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20010930	Paletta kg 0,130
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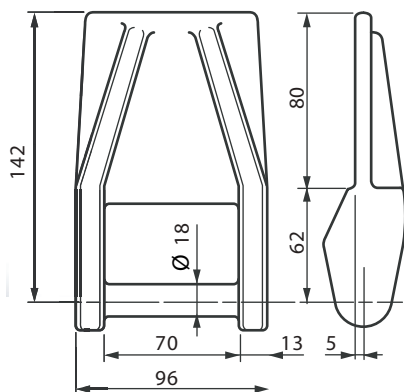




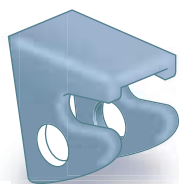
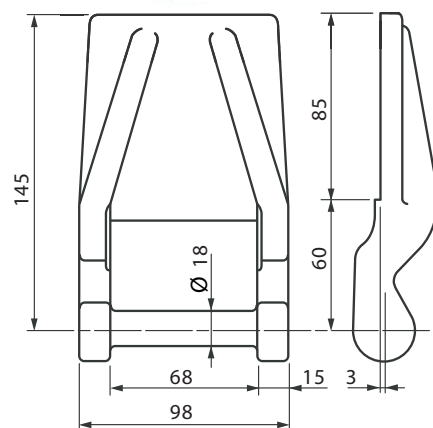
Cerniere e chiusure per sponde in ferro



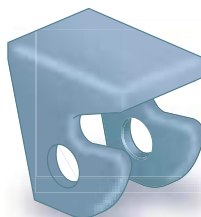
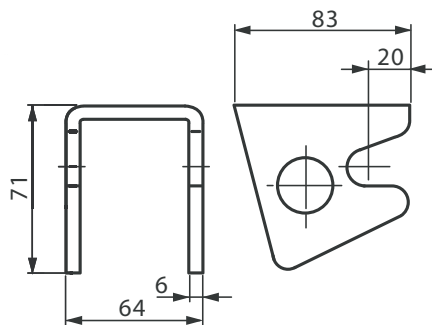
15000510 Cerniera sponda
kg 1,210



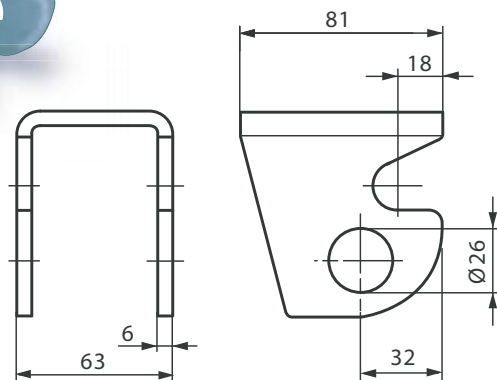
15000520 Cerniera sponda
kg 0,920



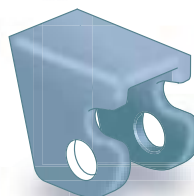
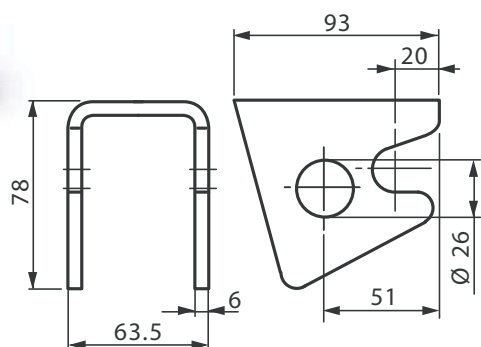
15000550 Supporto barra
kg 0,550



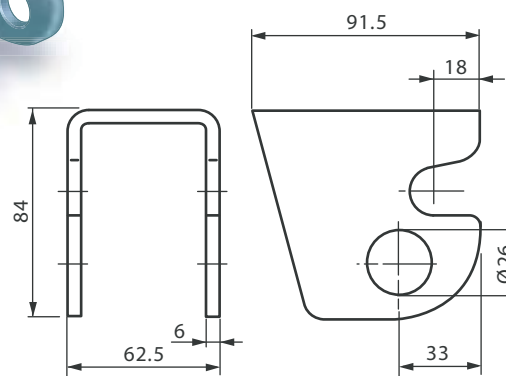
15000530 Paletta
kg 0,600



15000580 Supporto barra
kg 0,635



15000540 Paletta
kg 0,730



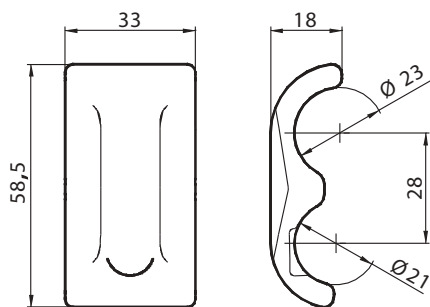


Cerniere e chiusure per sponde in ferro



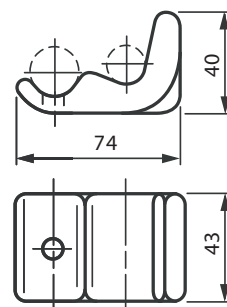
20010930

Paletta
kg 0,330



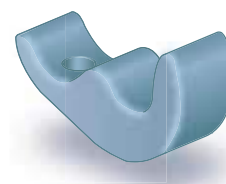
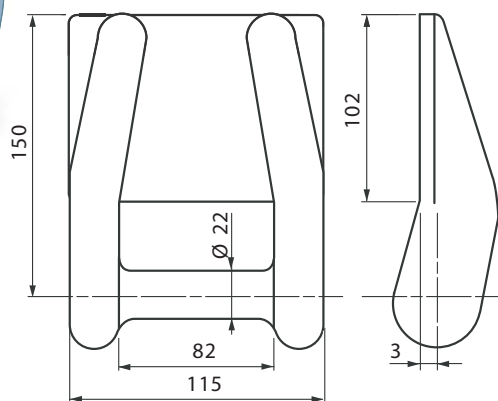
15000600

Paletta
kg 0,350



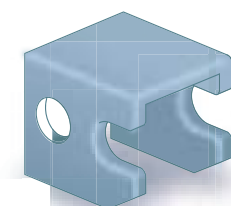
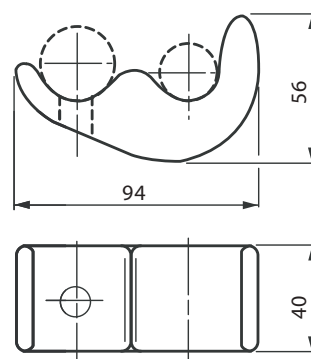
15000610

Cerniera sponda
kg 1,780



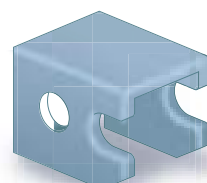
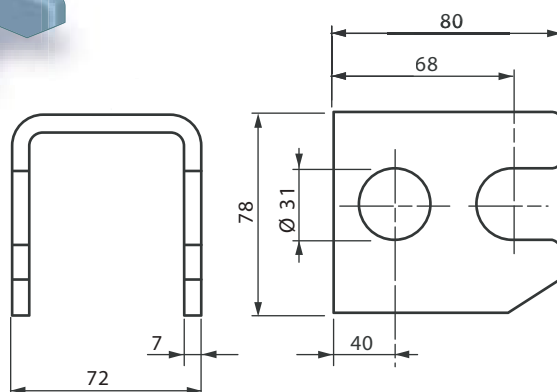
15000630

Paletta
kg 0,670



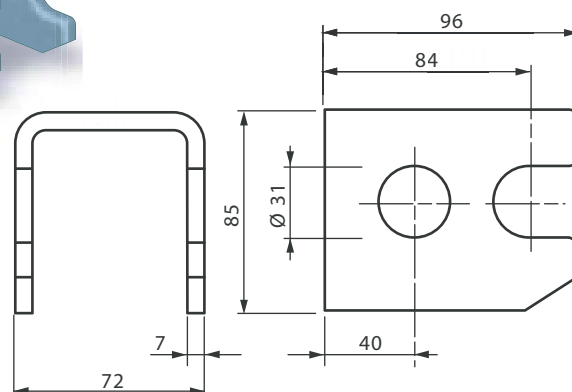
15000610

Cerniera sponda
kg 2,000



15000640

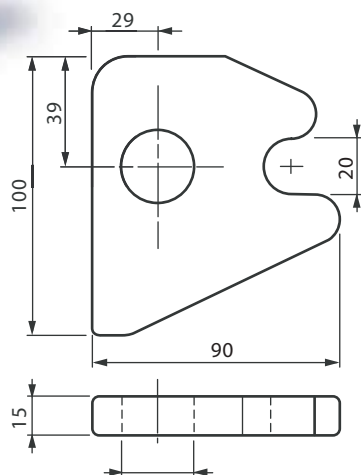
Paletta
kg 1,000



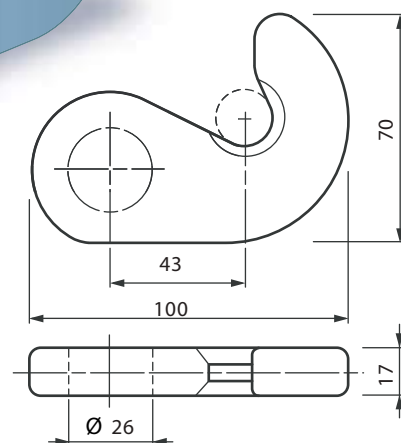
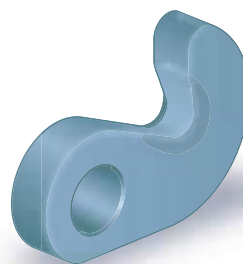


Cerniere e chiusure per sponde in ferro

15000650 Supporto tipo M
kg 0,660



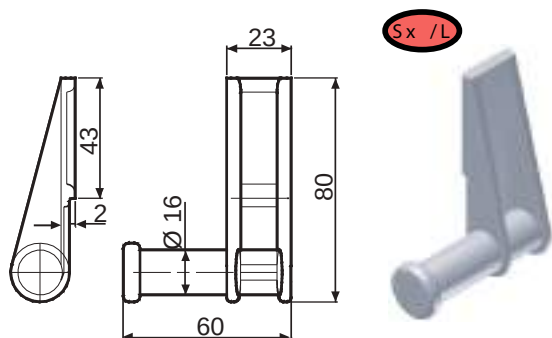
15000660 Gancio per cerniera tipo M
kg 0,400



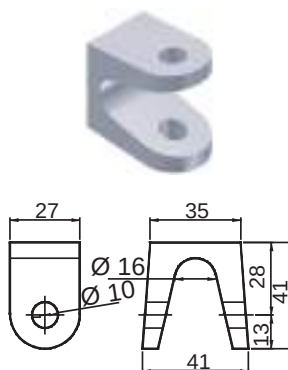


Cerniere e chiusure per sponde in ferro

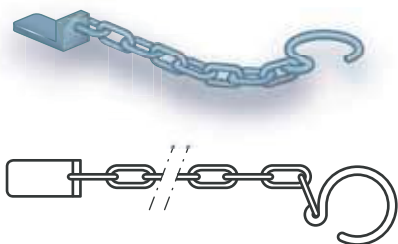
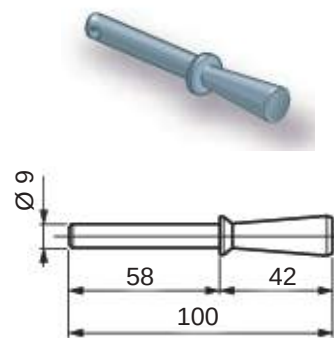
15000670 Cerniera posteriore
kg 0,235



15000680 Supp. post.
leggero
kg 0,330



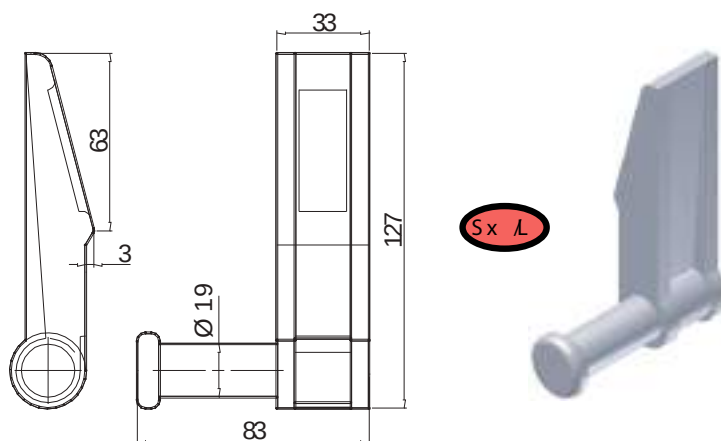
15000690 Spinotto
kg 0,050



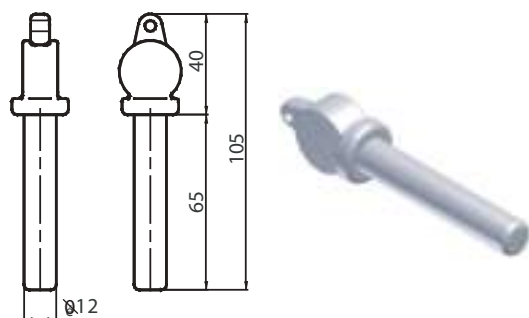
Catenella con gancio

Cod.	maglie	Kg
15000700	12	0,037
15000710	16	0,040

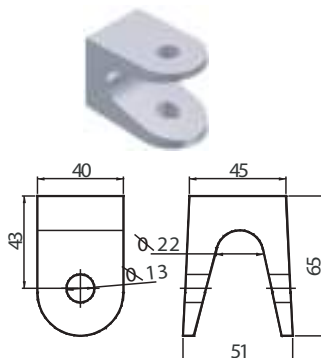
15000720 Cerniera posteriore pesante
kg 0,580



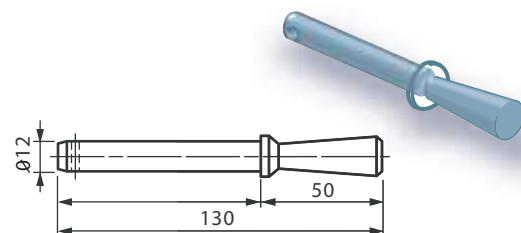
15000740 Spinotto Ø 12
kg 0,120



15000730 Supporto
kg 0,400

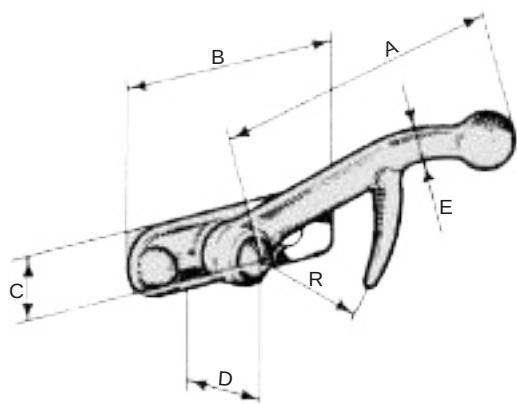


15000750 Spinotto Ø 12
kg 0,140





Cerniere e chiusure per sponde in ferro

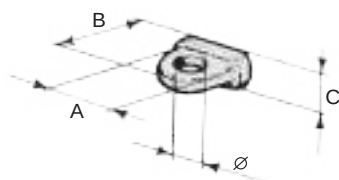


In figura versione dx

Chiusura sponda

Cod.	Descrizione	Quote (mm)						Kg
		A	B	C	D	E	R	
15001000	leggerissima	106	72	21	24	12	59	0,150
15001010	leggera	130	50	26	28	13	81	0,250
15001020	media	155	55	28	33	16	93	0,450
15001030	pesante	190	84	35	44	16,5	95	0,700
15001040	pesante scanalata	170	79	40	41	23	115	0,900

Golfari



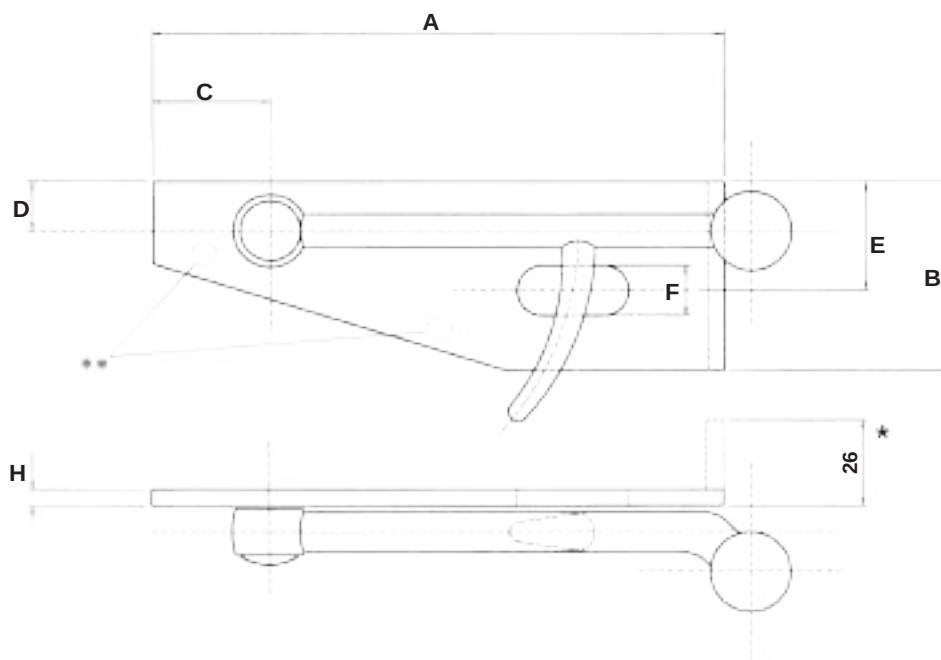
Cod.	Descrizione	Quote (mm)				Kg
		Ø	A	B	C	
15001050	leggerissimo	9,5	27	26	11	0,030
15001060	leggero	12	27	30	12	0,038
15001070	medio	14,5	35	33	12	0,050
15001080	pesante	17,5	42	42	10,5	0,100



Cerniere e chiusure per sponde in ferro

Chiusura sponda con piastra

Cod.	Descrizione	Quote (mm)							Kg
		A	B	C	D	E	F	H	
15001110	leggera	130	50	15	15	30	16	6	0,7
15001090	media	162	57	35	15	33	20	6	0,7
15001100	pesante	180	65	40	15	40	24	8	1,0
15001120	pesante	180	95	45	25	55	25	8	1,5

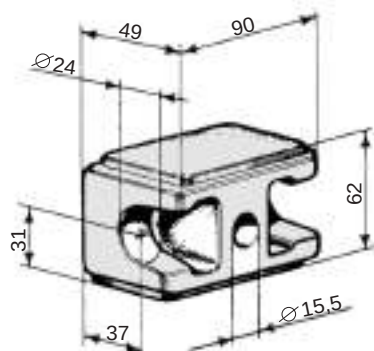


In figura versione dx

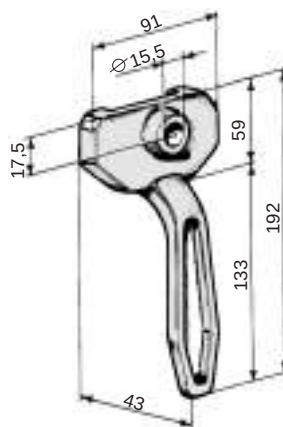


Cerniere e chiusure per sponde in ferro

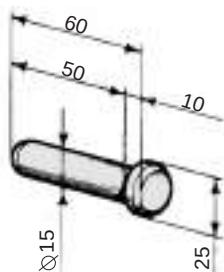
15001130 Blocco centrale
kg 1,170



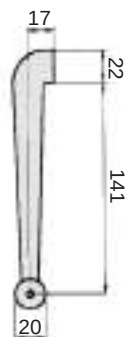
15001140 Maniglia a farfalla
kg 0,590



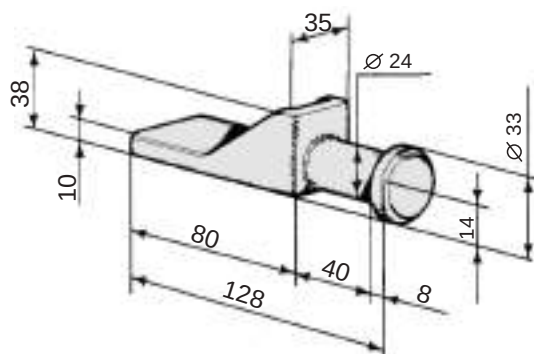
15001150 Ribattino
kg 0,100



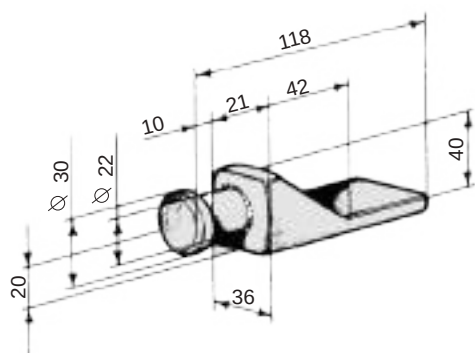
15001190 Leva
tipo isoli



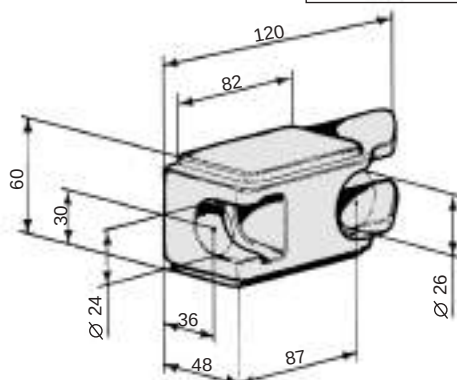
15001160 Piantone posteriore
kg 0,550



15001170 Piantone centrale
kg 0,400



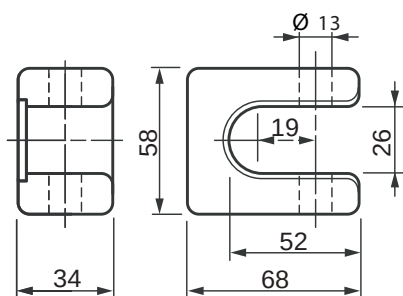
15001180 Blocco posteriore
kg 1,400



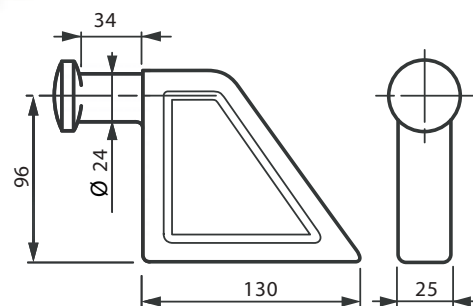


Cerniere e chiusure per sponde in ferro

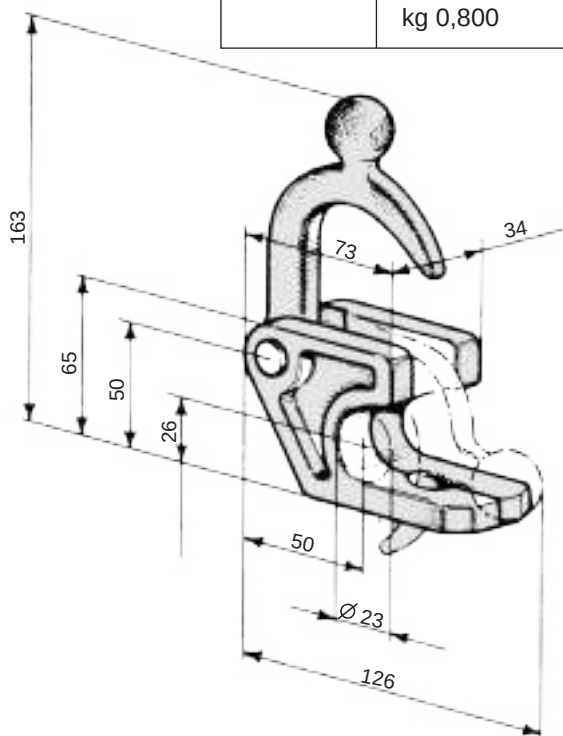
15001210 Chiusura a "U"
kg 0,500



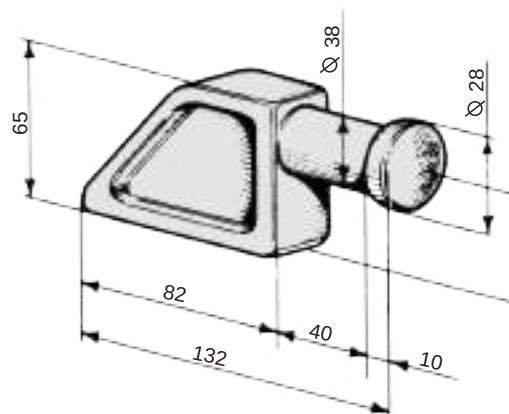
15001200 Piantone
kg 1,200



15001220 Chiusura a blocco Ø 28
kg 0,800

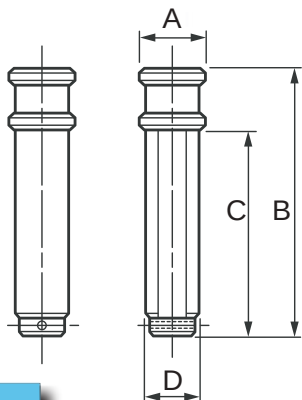
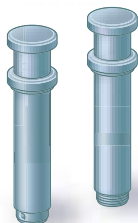


15001230 Piantone Ø 28
kg 0,800





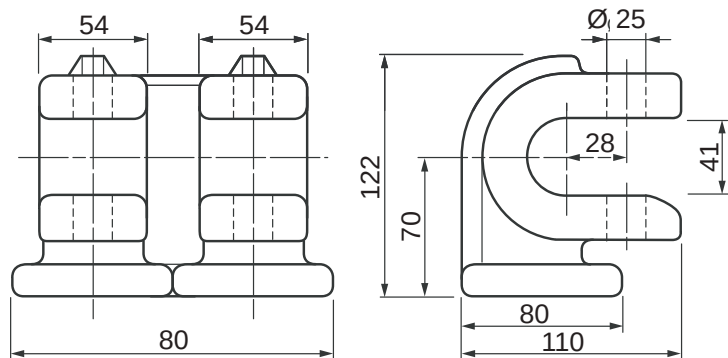
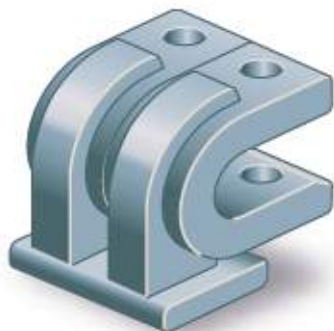
Cerniere e chiusure per sponde in ferro



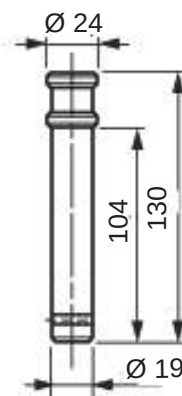
Perno per chiusura

Cod.	Quote (mm)				Kg
	A	B	C	D	
15001240	30	119	92	24	0,380
15001250	30	119	82	25	0,380

15001260 chiusura tipo dumper doppia
kg.0,200

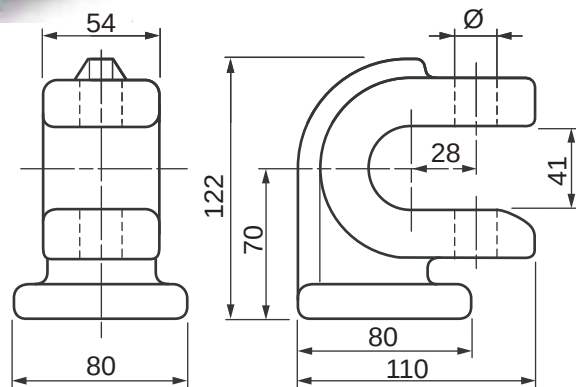


15001280 Spinotto
kg 0,200



Chiusura tipo dumper

Cod.	A	B	C	Kg
15001290	Ø 20	50	50	0,380
15001300	Ø 25	80	80	0,380

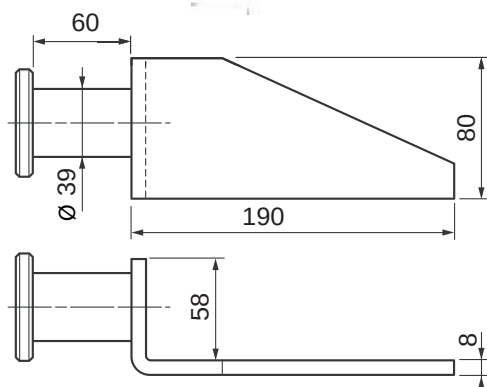
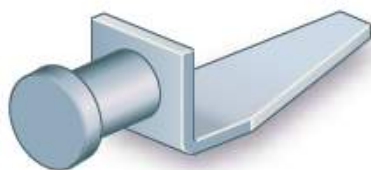




Cerniere e chiusure per sponde in ferro

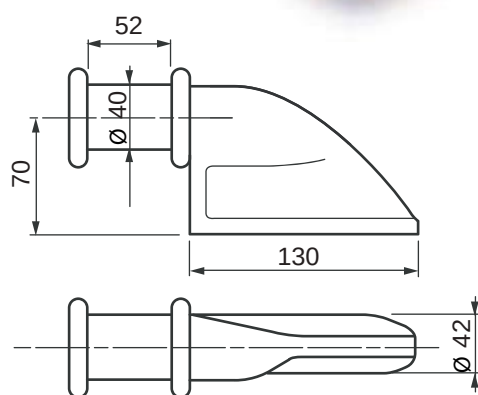
15001270

Piantone leggero
tipo Dumper kg 1,770



15001310

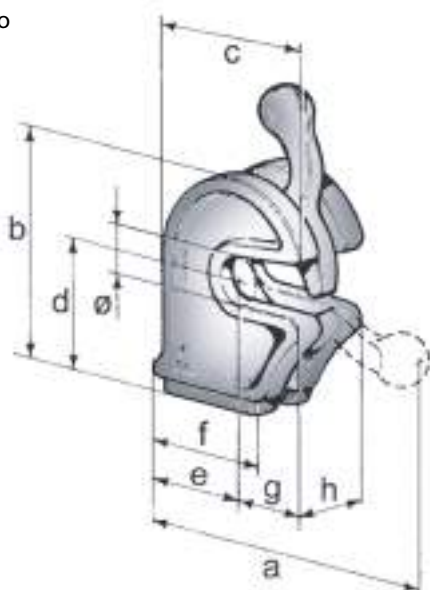
Piantone Ø 40
tipo Dumper kg 1,770



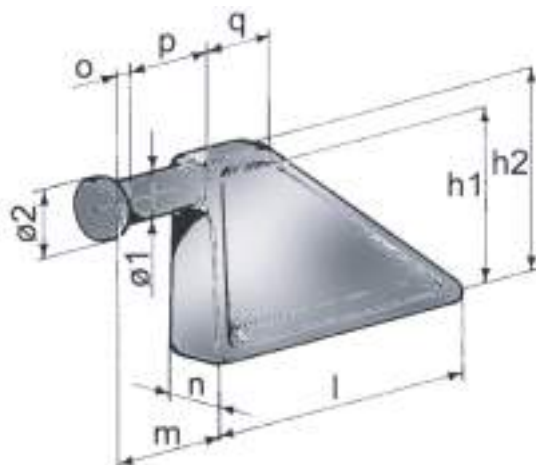


Cerniere e chiusure per sponde in ferro

Chiusura a blocco



Piantone



Chiusure a blocco

Cod.	Descrizione	Quote (mm)									Kg
		Ø	A	B	C	D	E	F	G	H	
15001350	tipo"S"	21	74	85	70	50	41	50	35	35	0,710
15001360	leggera	22	135	115	85	70	56	62	35	58	1,375
15001370	media	25	135	114	84	69	56	62	32	42	1,700
15001380	pesante	31	166	122	95	71	52	78	41	44	1,900
15001390	pesantissima	40	168	140	108	82	60	108	48	50	2,600

Piantoni

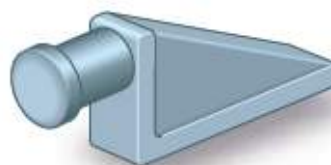
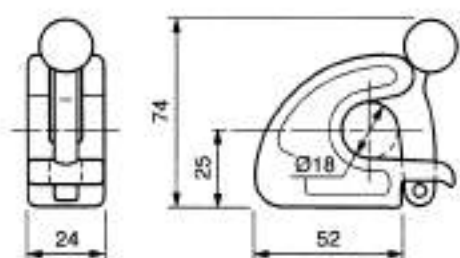
Cod.	Descrizione	Quote (mm)										Kg
		Ø 1	Ø 2	L	M	N	O	P	Q	H1	H2	
15001400	tipo"S"	20	28	91	70	22	41	32	32	60	76	0,650
15001410	leggero	20	33	128	85	25	56	42	42	95	108	1,150
15001420	medio	24	34	130	84	27	56	30	30	95	110	1,200
15001430	pesante	30	41	122	130	35	52	50	50	100	118	1,550
15001440	pesantissimo	40	52	140	130	32	60	45	45	102	130	2,115



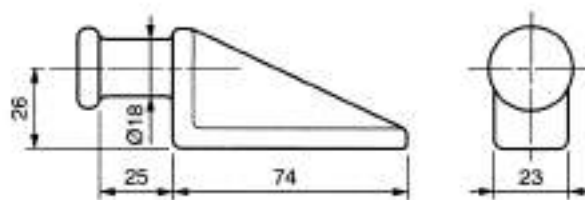
Cerniere e chiusure per sponde in ferro



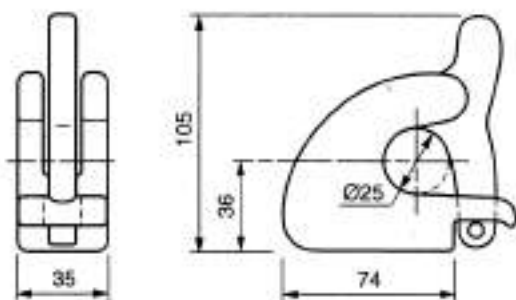
15001340	Chiusura Ø 18 kg 0,360
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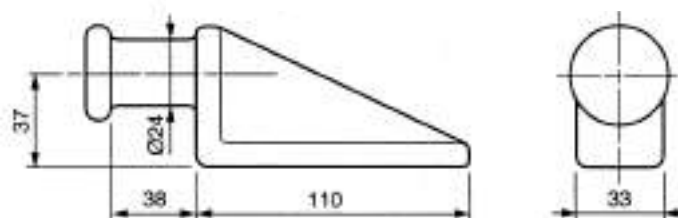
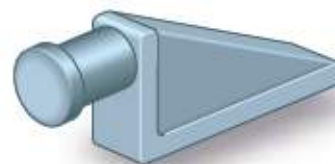
15001345	Piantone Ø18 kg 0,240
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15001320	Chiusura a blocco bassa Ø 25 kg 0,945
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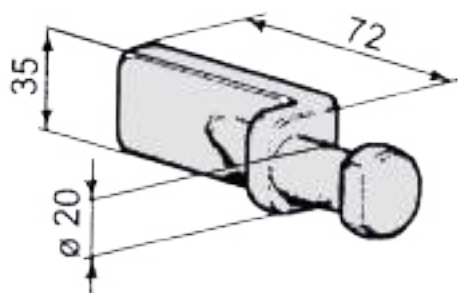


15001330	Piantone Ø 24 kg 0,740
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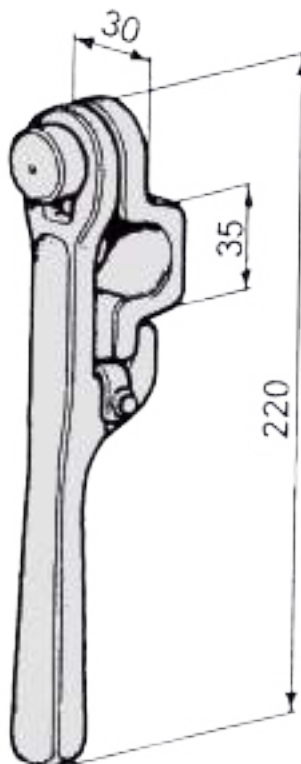




Cerniere e chiusure per sponde in ferro



15001510	Piantone kg 0,370
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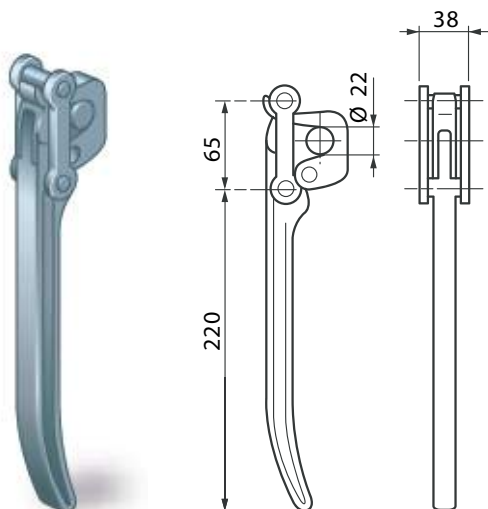


15001500	Chiusura trilaterale kg 0,900
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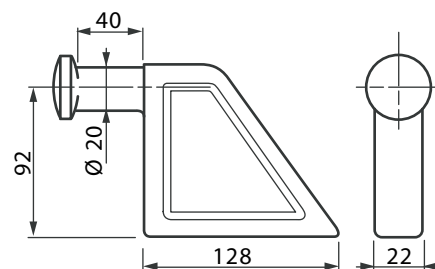


Cerniere e chiusure per sponde in ferro

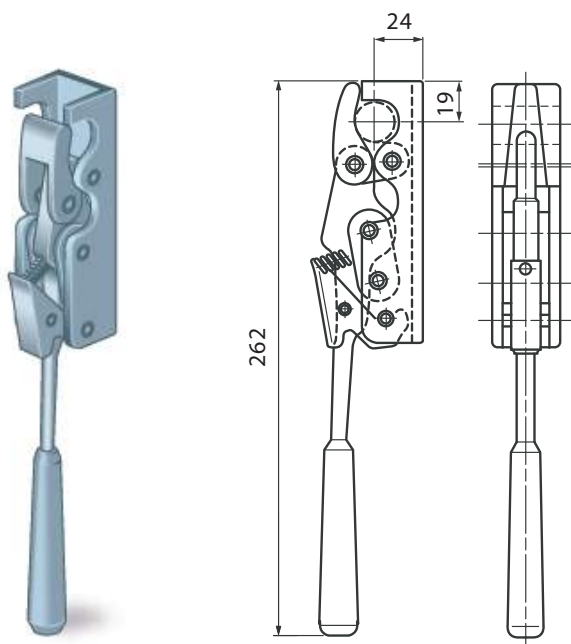
15001520 Leva marotta Ø 22
kg 1,370



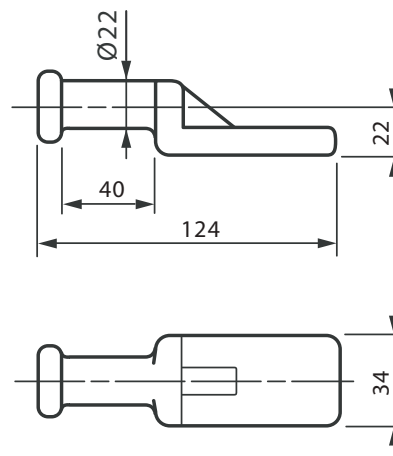
15001530 Piantone Ø 20
kg 0,960



15001540 Chiusura universal
kg 1,210



15001550 Piantoncino
kg 0,400





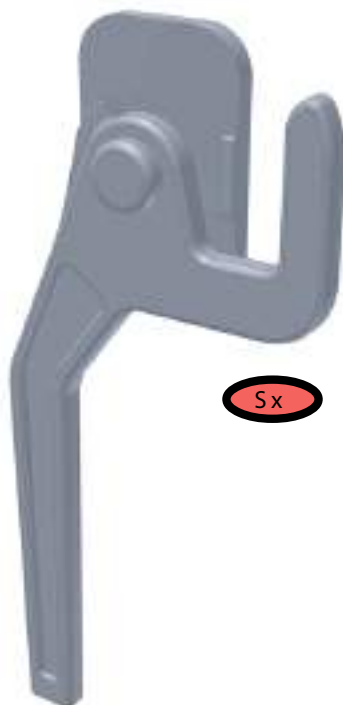
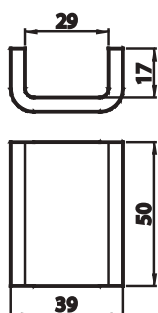
Cerniere e chiusure per sponde in ferro

15001570

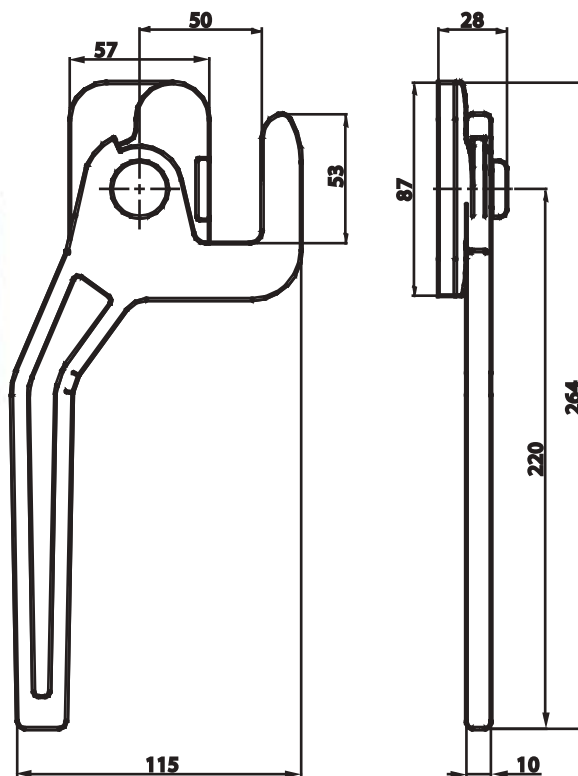
(sx) - kg 1,250 chiusura francia con sicura

15001580

Riscontro

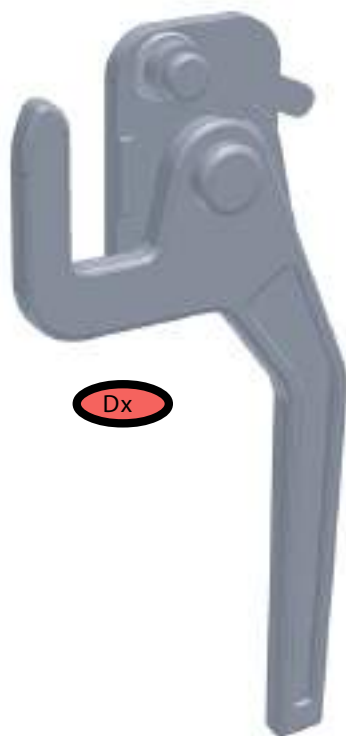


Sx

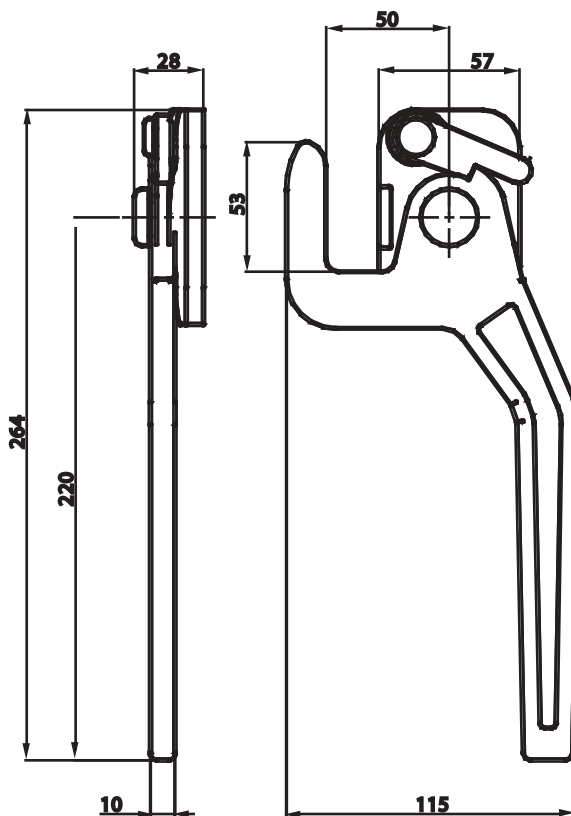


15001560

(dx) - kg 1,250 chiusura francia con sicura

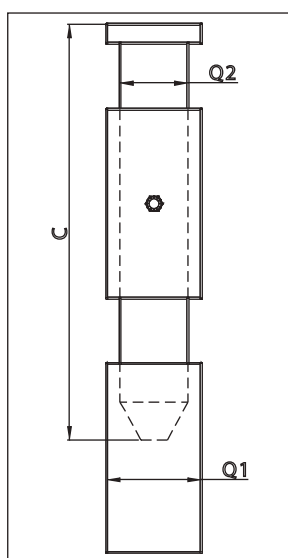


Dx

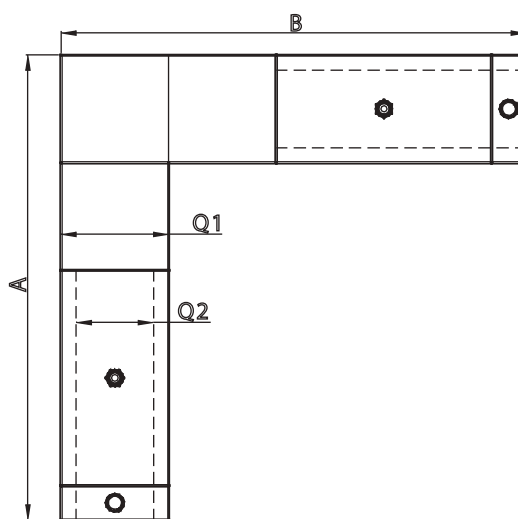




Cerniere e chiusure per sponde in ferro



cerniera inferiore



cerniera superiore

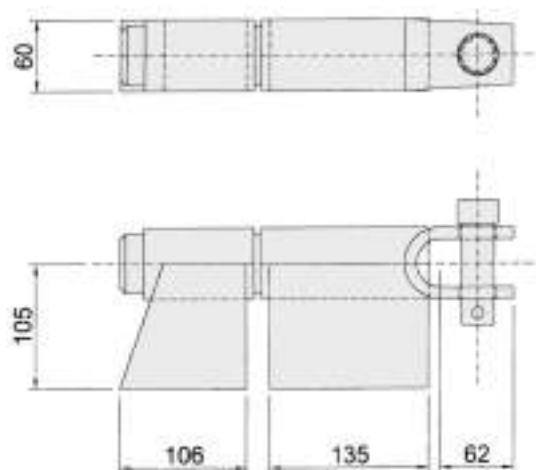
Cerniere per apertura a libro

Cod.		Quote (mm)						Kg	Kg
Inferiore	Superiore	Q1	Q2	A	B	C			
15001800	15001730	30	18	134	134	140		0,710	1,455
15001810	15001735	35	28	179	179	185		1,317	2,630
15001820	15001740	40	32	174	174	180		1,720	3,460
15001830	15001750	50	36	216	216	220		3,200	6,590
15001840	15001760	60	43	214	214	227		4,600	9,200
15001850	15001770	76	55	268	268	232		7,800	14,600

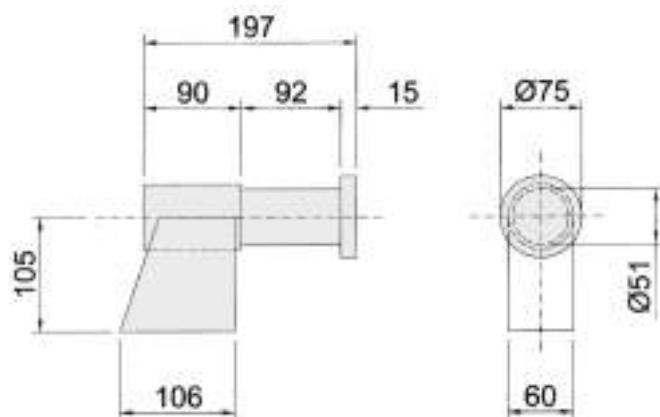


Cerniere e chiusure per sponde in ferro

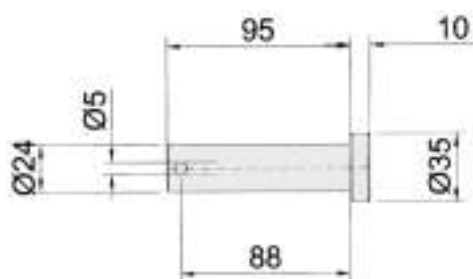
15001860 Cerniera posteriore per apertura libro
kg 7,900



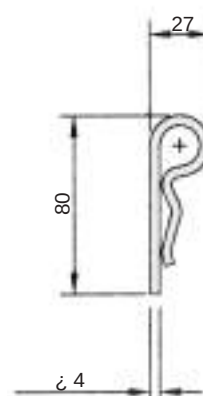
15001870 Cerniera posteriore
kg 6,200



15001880 Spinotto
kg 0,350

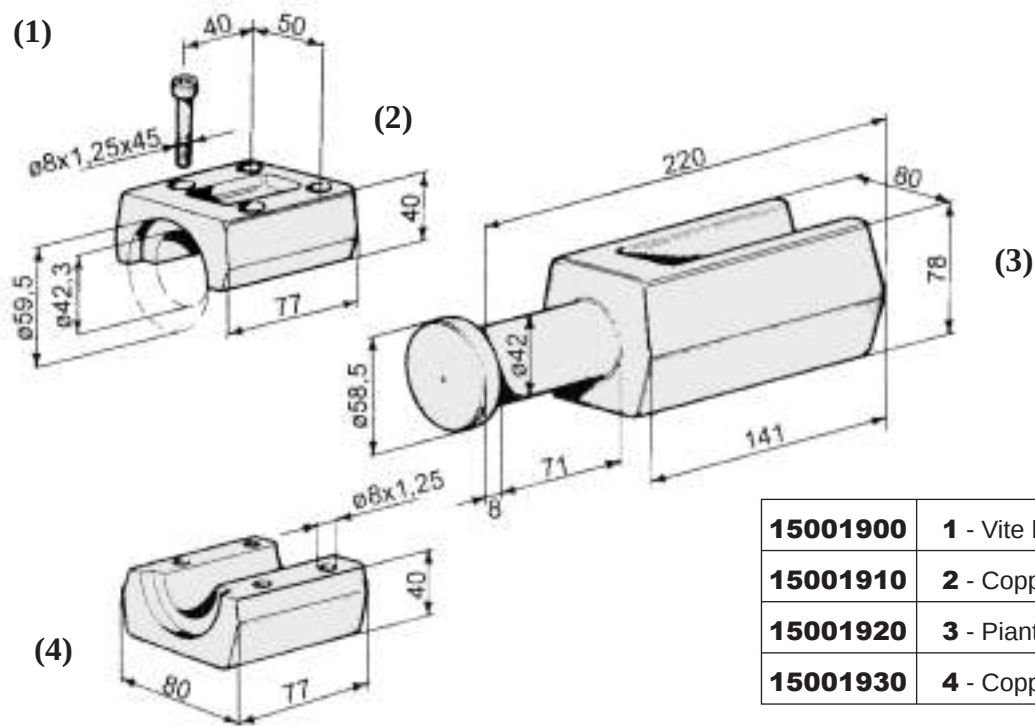


15001890 Coppiglia a R Ø 4
kg 0,040

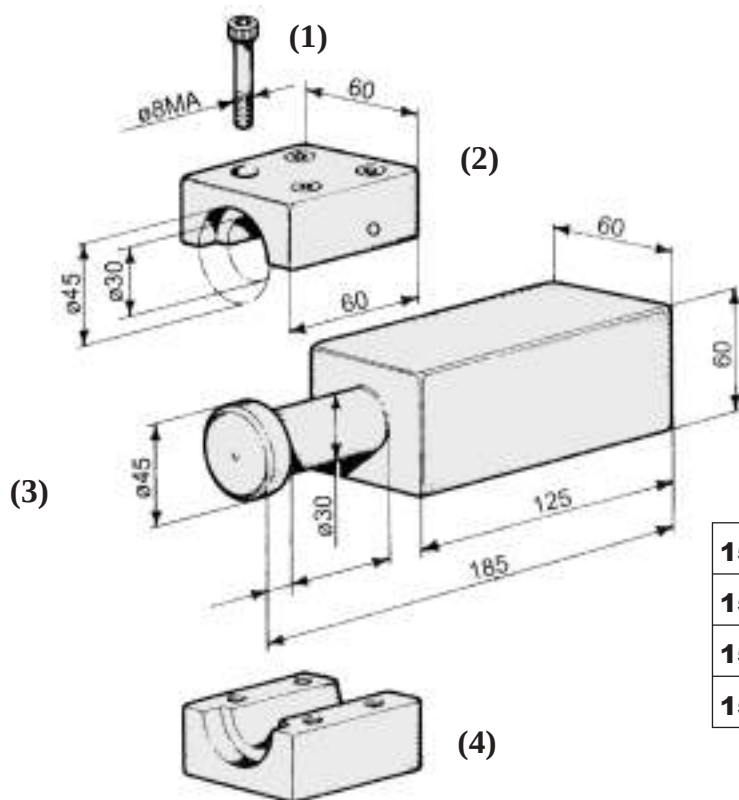




Cerniere e chiusure per sponde in ferro



15001900	1 - Vite kg 0,040
15001910	2 - Coppetta superiore kg 1,430
15001920	3 - Piantone kg 4,000
15001930	4 - Coppetta inferiore kg 1,430

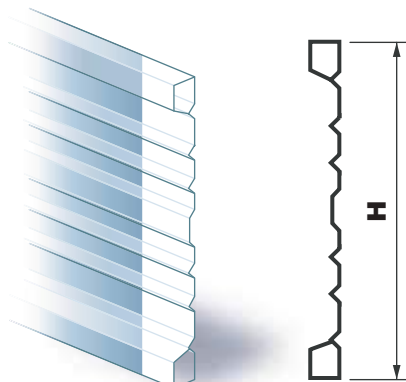


15001940	1 - Vite kg 0,040
15001950	2 - Coppetta superiore kg 0,600
15001960	3 - Piantone kg 4,000
15001970	4 - Coppetta inferiore kg 0,600



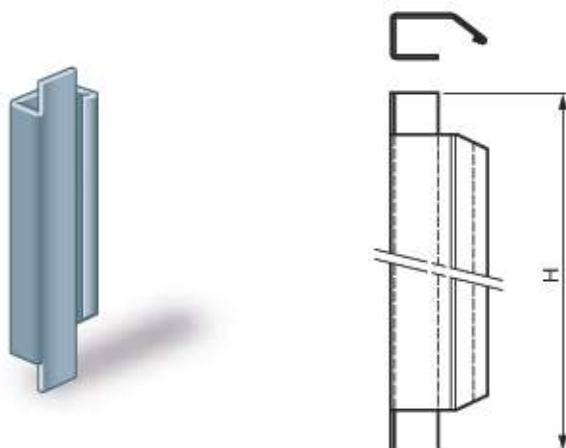
Testate e Sponde in ferro

SPONDA IN FERRO TIPO PF R 181



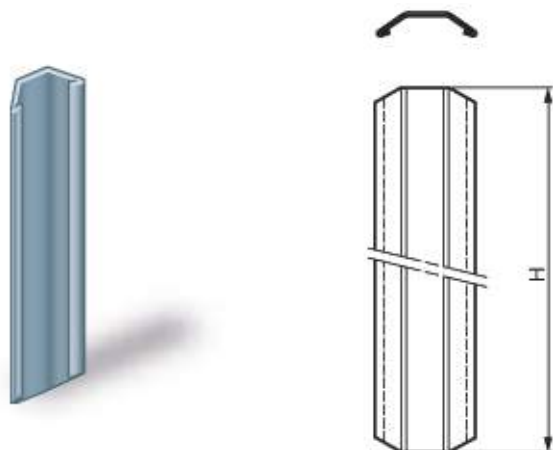
Codice	H	Sp lam. ±10 %	Kg/ml
15001900	400	15/10	7.90
15001910	500	15/10	9.20
15001920	600	15/10	10.40
15001930	700	15/10	11.70
15001940	800	25/10	24.20

TESTATA PER SPONDA IN FERRO



Codice	H
15001950	400
15001960	500
15001970	600
15001980	700
15001990	800

TRAVERSINO



Codice	H
15002000	400
15002010	500
15002020	600
15002030	700
15002040	800