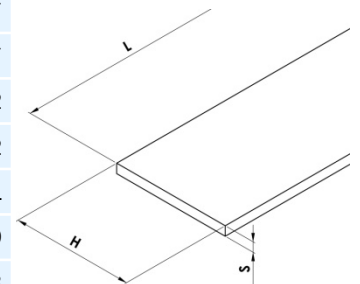
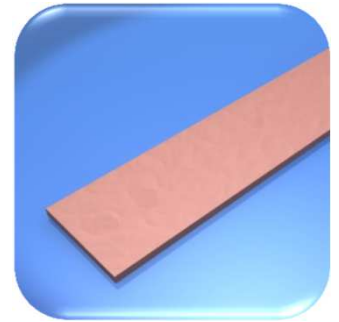


# BARRE DI RAME COPPER BUSBARS

- Barre di rame Cu-ETP UNI EN 13601  
*Cu-ETP UNI EN 13601 copper busbars*
- Stagnate, argentate e nichelate su richiesta  
*Tin-plated, silver-plated and nickel-plated upon request*
- Piatto Rame - Spigoli arrotondati 1 mm  
*Flat copper bars - 1 mm radius edge*
- Lunghezze e dimensioni speciali su richiesta  
*Special lengths and dimensions upon request*

Codice Item	HxS [mm]	L [mm]	Sezione Cross-Sect. [mm <sup>2</sup> ]	Portata riferita a n° di barre in parallelo Current Load referred to no. of bars in parallel							
				ΔT 30° C [A]				ΔT 50° C [A]			
				1	2	3	4	1	2	3	4
SB 12-4	12x4	2000	48	160	292	403	451	212	387	534	598
SB 25-4	25x4	2000	100	274	500	690	772	363	663	914	1023
SB 15-5	15x5	2000	75	218	405	567	635	289	537	751	841
SB 20-5	20x5	2000	100	274	500	690	772	363	663	914	1023
SB 25-5	25x5	2000	125	327	586	795	890	433	776	1053	1179
SB 30-5	30x5	2000	150	379	672	896	1003	502	890	1187	1329
SB 40-5	40x5	2000	200	482	836	1090	1220	639	1108	1444	1617
SB 50-5	50x5	2000	250	583	994	1260	1411	772	1317	1670	1870
SB 60-5	60x5	2000	300	688	1150	1440	1613	912	1524	1908	2137
SB 80-5	80x5	2000	400	885	1450	1750	1960	1173	1921	2319	2597
SB 100-5	100x5	2000	500	1080	1730	2050	2296	1431	2292	2716	3042
SB 125-5	125x5	2000	625	1300	2022	2381	2666	1723	2679	3155	3532
SB 30-10	30x10	2000	300	573	986	1289	1547	756	1300	1701	2041
SB 40-10	40x10	2000	400	715	1230	1609	1931	944	1624	2124	2549
SB 50-10	50x10	2000	500	852	1510	2040	2448	1129	2001	2703	3243
SB 60-10	60x10	2000	600	985	1720	2300	2760	1305	2279	3048	3658
SB 80-10	80x10	2000	800	1240	2110	2790	3124	1643	2796	3697	4140
SB 100-10	100x10	2000	1000	1490	2480	3260	3651	1974	3286	4320	4838
SB 120-10	120x10	2000	1200	1740	2860	3740	4188	2306	3790	4956	5550
SB 160-10	160x10	2000	1600	2220	3590	4680	2942	4757	6201	=	=
SB 200-10	200x10	2000	2000	2690	4310	5610	3564	5711	7433	=	=

## BARRE PIENE SOLID BARS



Le portate dei conduttori sono indicative (vedi pag. 28) / Current loads are approximated (please see page 28)  
Temperatura Ambiente di riferimento 35 °C / Referred to Ambient Temperature 35 °C (DIN 43671)

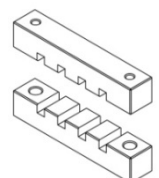
## COLLEGAMENTI PREFABBRICATI IN BARRA DI RAME PREFABRICATED COPPER BUSBAR CONNECTIONS

Siamo inoltre in grado di realizzare collegamenti speciali in barra di rame secondo specifiche cliente.  
We can also realize special copper busbar conductors according to customers' requirements.



## SUPPORTI BARRE - DISTANZIALI PER BARRE BUSBAR SUPPORTS - BUSBAR SPACERS

Supporti e distanziali per barre realizzati in poliestere GPO3 o altri materiali secondo le specifiche cliente.  
Busbar supports and spacers made by polyester GPO3 or different raw materials according to customers' requirements.



# BARRE IN RAME

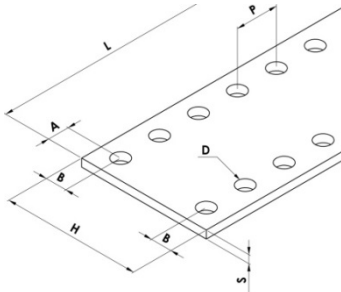
## COPPER BUSBARS

- Barre di rame Cu-ETP UNI EN 13601  
*Cu-ETP UNI EN 13601 copper busbars*
- Piatto Rame - Spigoli arrotondati 1 mm  
*Flat copper bars – 1 mm radius edge*

- Stagnate, argentate e nichelate su richiesta  
*Tin-plated, silver-plated and nickel-plated upon request*
- Lunghezze e dimensioni speciali su richiesta  
*Special lengths and dimensions upon request*

### BARRE FORATE

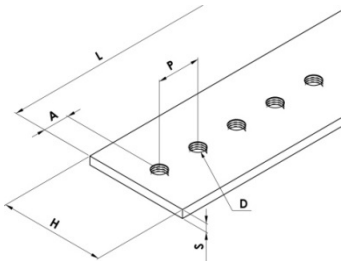
#### PERFORATED BARS



Codice Item	HxS [mm]	D [mm]	P [mm]	A - B [mm]	L [mm]	Sezione Cross-Sect. [mm <sup>2</sup> ]	Portata riferita a n° di barre in parallelo <i>Current Load referred to no. of bars in parallel</i>							
							ΔT 30° C [A]				ΔT 50° C [A]			
							1	2	3	4	1	2	3	4
PB 25-5	25x5	10,5	25	12,5	1750	125	327	586	795	890	433	776	1053	1179
PB 50-5	50x5	10,5	25	12,5	1750	250	583	940	1260	1411	772	1317	1669	1870
PB 60-5	60x5	10,5	25	12,5	1750	300	718	1197	1494	1673	951	1586	1980	2217
PB 80-5	80x5	10,5	25	12,5	1750	400	885	1450	1750	1960	1173	1921	2319	2597
PB 100-5	100x5	10,5	25	12,5	1750	500	1080	1730	2050	2296	1431	2292	2716	3042
PB 125-5	125x5	10,5	25	12,5	1750	625	1300	2022	2380	2666	1722	2679	3153	3532
PB 50-10	50x10	10,5	25	12,5	1750	500	792	1404	1897	=	1050	1861	2514	=
PB 60-10	60x10	10,5	25	12,5	1750	600	916	1600	2139	=	1214	2119	2834	=
PB 80-10	80x10	10,5	25	12,5	1750	800	1153	1962	2595	=	1528	2600	3438	=
PB 100-10	100x10	10,5	25	12,5	1750	1000	1386	2306	3032	=	1836	3056	4017	=
PB 120-10	120x10	10,5	25	12,5	1750	1200	1618	2660	3478	=	2144	3524	4609	=

### BARRE FILETATE

#### THREADED BARS



Codice Item	HxS [mm]	D [mm]	P [mm]	A [mm]	L [mm]	Sezione Cross-Sect. [mm <sup>2</sup> ]	Portata Current load [A]	
							ΔT 30° C	ΔT 50° C
TB 12-2/1	12x2	M5	18	14	1000	24	106	142
TB 12-4/1	12x4	M5	18	14	1000	48	160	210
TB 12-5/1	12x5	M5	18	14	1000	60	182	240
TB 15-4/1	15x4	M6	20	10	1000	60	188	248
TB 15-5/1	15x5	M6	25	10	1000	75	216	286
TB 20-4/1	20x4	M6	20	10	1000	80	230	304
TB 20-5/1	20x5	M6	25	12,5	1000	100	274	362
TB 25-4/1	25x4	M6	20	10	1000	100	288	380
TB 30-5/1	30x5	M6	25	12,5	1000	150	378	502
TB 32-5/1	32x5	M6	25	12,5	1000	160	400	530
TB 30-10/1	30x10	M8	25	12,5	1000	300	572	754
TB 12-2/2	12x2	M5	18	14	2000	24	106	142
TB 12-4/2	12x4	M5	18	10	2000	48	160	210
TB 12-5/2	12x5	M5	18	14	2000	60	182	240
TB 15-4/2	15x4	M6	20	10	2000	60	188	248
TB 15-5/2	15x5	M6	25	10	2000	75	216	286
TB 20-4/2	20x4	M6	20	10	2000	80	230	304
TB 20-5/2	20x5	M6	25	12,5	2000	100	274	362
TB 25-4/2	25x4	M6	20	10	2000	100	288	380
TB 30-5/2	30x5	M6	25	12,5	2000	150	378	502
TB 32-5/2	32x5	M6	25	12,5	2000	160	400	530
TB 30-10/2	30x10	M8	25	12,5	2000	300	572	754

Le portate dei conduttori sono indicative (vedi pag. 28) / *Current loads are approximated (please see page 28)*  
 Temperatura Ambiente di riferimento 35 °C / *Referred to Ambient Temperature 35 °C (DIN 436701)*