CASQUILLOS METÁLICOS

Disponemos de una amplia gama de casquillos, insertos y armaduras metálicas para productos de caucho-metal.

Materiales: Acero al carbono, acero aleado, aluminio.

Sectores:

- Automoción
- Ferrocarril
- Electrodomésticos
- Maquinaria
- Otros…

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Materiales

CHINA GB/T 13793-92

Tubo soldado / Welded tube

STEEL GRADE	R (SOFT)		DY (LOW HARD)	
	Tensile strength (MPa)	Elongation (%)	Tensile strength (MPa)	Elongation (%)
08F, 08, 10F, 10	> 315	> 22	> 375	> 13
15F, 15	> 355	> 20	> 400	> 11
20	> 390	> 19	> 440	> 9
Q195	> 315	> 22	> 335	> 14
Q215-A, Q215-B	> 335	> 22	> 355	> 13
Q235-A, Q235-B	> 375	> 20	> 390	> 9

CHINA GB/T 3639-2000

Tubo sin soldadura / Seamless tube

STEEL GRADE	Delivery conditions										
	BK		BKW		BKS		GBK		NBK		
	T.S. (MPa)	A (%)	T.S. (MPa)	A (%)	T.S. (MPa)	A (%)	T.S. (MPa)	A (%)	T.S. (MPa)	Y.S. (MPa)	A (%)
10	> 410	6	> 375	10	> 335	12	> 335	24	> 335	> 205	24
20	> 510	5	> 450	8	> 430	10	> 390	20	> 410	> 245	20
35	> 590	4	> 550	6	> 520	8	> 510	17	> 530	> 315	17
45	> 645	4	> 630	6	> 610	7	> 590	14	> 600	> 355	14

EN10305-2 / DIN 2393

Tubo soldado / Welded tube

STEEL GRADE		Delivery conditions											
		+C (BK)		+LC (BKW)		+SR (BKS)			+A (GBK)		+N (NBK)		
		T.S. (MPa)	A (%)	T.S. (MPa)	A (%)	T.S. (MPa)	Y.S. (MPa)	A (%)	T.S. (MPa)	A (%)	T.S. (MPa)	Y.S. (MPa)	A (%)
E155		> 400	6	> 350	10	> 350	> 245	18	> 260	28	270-410	> 155	28
E195	St 34-2	> 420	6	> 370	10	> 370	> 260	18	> 290	28	300-440	> 195	28
E235	St 37-2	> 490	6	> 440	10	> 440	> 325	14	> 315	25	340-480	> 235	25
E275	St 44-2	> 560	5	> 510	8	> 510	> 375	12	> 390	21	410-550	> 275	21
E355	St 52-3	> 640	4	> 590	6	> 590	> 435	10	> 450	22	490-630	> 355	22

Composición química / Chemical composition

	Q195	*Q215-A*	*Q235-A*	*Q345*	*08F*	*10*	*20*	*35*	*45*	*20Cr*	*40Cr*
C%	0.06 0.12	0.09 0.15	0.14 0.22	< 0.20	0.05 0.11	0.07 0.13	0.17 0.23	0.32 0.39	0.42 0.50	0.18 0.24	0.37 0.44
Mn%	0.25 0.50	0.25 0.55	0.30 0.65	1.00 1.60	0.25 0.50	0.35 0.65	0.35 0.65	0.50 0.80	0.50 0.80	0.50 0.80	0.50 0.80
Si%	< 0.30	< 0.30	< 0.30	< 0.55	< 0.03	0.17 0.37	0.17 0.37	0.17 0.37	0.17 0.37	0.17 0.37	0.17 0.37
S%	< 0.05	< 0.05	< 0.050	< 0.045	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035
P%	< 0.045	< 0.045	< 0.045	< 0.045	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035
Cr%		---	---	---	---	---	---	---	---	0.70 1.00	0.80 1.10