



#### STEEL GRADE

UNI FE 360 D : DIN St 37.2

UNI FE 510 : DIN St 52.3

#### STANDARD OF SUPPLYING

Welded and cold drawn with reactive oil

Deburred and capped ends

Inside/outside oiled

#### CONDITION OF SUPPLYING

Bright drawn (BK)

#### TOLERANCES

Outside diameter according to DIN 2393

Inside diameter according to ISO H9/H10

#### OVALITY

Within the limits of diameter tolerances

#### SURFACE FINISHING

Ra 0.8u max according to ASTM A153 or ISO 468

**TRAIGHTNESS:** 1 mm/1000 mm

#### TEST STANDARD

Visual and dimentional inspection; nechanical Tests; chemical analysis; non destructive tests 100%; Certificates according to din 50049/3.1.B

#### Caratteristiche meccaniche - Mechanical characteristics

ACCIAIO STEEL	Rn N/mm <sup>2</sup> mln	Rs N/mm <sup>2</sup> mln	Ap5	HRB min
Fe 360D st 37,2	540	470	8	83
Fe 510D st 52,3	600	540	5	90

**Gamma dimensionale dei tubi disponibile a magazzino.**

*Dimension of tubes available in warehouse.*

D.E	D.i	Tolleranza	Spessore	Kg/m	BAR
O.D	I.D	Tolerances	Thickness	Kg/m	BAR
30	20	H9	5	3,08	773
35	25	H9	5	3,7	662
40	30	H9	5	4,32	563
40	32	H9	4	3,55	450
42	32	H9	5	4,56	524
45	35	H9	5	4,93	508
50	40	H9	5	5,55	465
55	45	H9	5	6,17	425
60	45	H9	7,5	9,71	680
60	50	H9	5	6,78	396
62	50	H9	6	8,29	452
65	50	H9	7,5	10,63	535
65	55	H9	5	7,4	370
70	55	H9	7,5	11,56	497
70	60	H9	5	8,01	343
72	60	H9	6	9,77	391
75	60	H9	7,5	12,48	464
73	63	H9	5	8,38	337
75	63	H9	6	10,21	383
75	65	H9	5	8,63	329
80	65	H9	7,5	13,41	435
80	70	H9	5	9,25	309
82	70	H9	6	11,24	349
85	70	H9	7,5	14,33	409
85	75	H9	5	9,86	295
90	75	H9	7,5	15,26	386
90	80	H9	5	10,48	274
92	80	H9	6	12,72	311
95	80	H9	7,5	16,18	366
95	85	H9	5	11,1	268
100	85	H9	7,5	17,11	348
100	90	H9	5	11,71	254
102	90	H9	6	14,2	285
105	90	H9	7,5	18,03	331
105	95	H9	5	12,33	254
110	95	H9	7,5	18,96	316
110	100	H9	5	12,95	254
115	100	H9	7,5	19,88	302
120	105	H9	7,5	20,81	290
125	110	H9	7,5	21,73	278
130	115	H9	7,5	22,65	272
135	120	H9	7,5	23,58	261
140	125	H9	7,5	24,50	252
145	130	H9	7,5	25,43	243

Tabella pressioni di utilizzo secondo norma DIN 2413/1

Pressure of utilisation according to DIN 2413/1

coefficiente di sicurezza S=2.0

security degree S=2,0