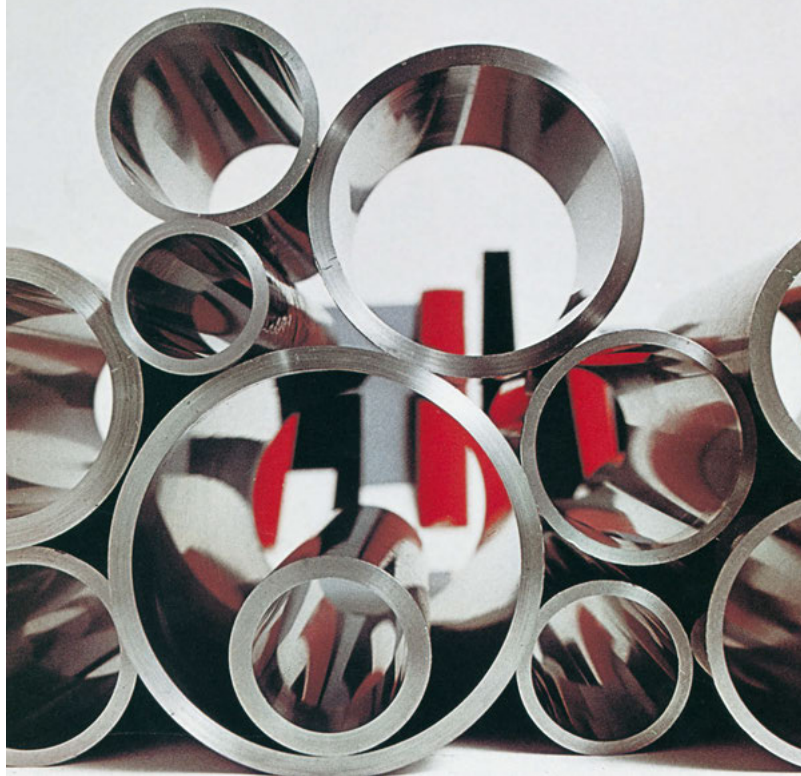


**SC**  
**Tubi di alta precisione  
per cilindri**

**SC**  
***High-precision tubes  
for cylinders***



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ISO 9001:2008 Cert. n. 5252/0

# SC Tubi di alta precisione per cilindri

## SC High-precision tubes for cylinders

### Programma di fornitura

**SC** - Tubi di alta precisione in acciaio, speculari sul Øi, pronti per la costruzione di cilindri oleodinamici e pneumatici.

### Tolleranze

EN 10305-1  
Sul Øi ISO H8 □ H9  
comprendenti ovalità e conicità.  
Sul Øe DIN 2391.  
Sullo spessore □ 10%.  
Rettilineità: 1/1000.

### Finitura della superficie

Superficie interna rugosità media  
Ra □0,4 micron  
Superficie esterna DIN 2391.

### Lunghezza dei tubi

Lunghezza commerciale:  
da m 1,5 a m 6.  
Lunghezze maggiori a richiesta.  
Fornibili anche tagliati a misura.

### Materiale

E355.

### Protezione

La protezione è assicurata da uno strato di olio minerale che protegge temporaneamente dalla corrosione la superficie interna ed esterna.

### Gamma di dimensioni

Diametri interni da mm 30 a mm 160 disponibili a magazzino.  
**Sono fornibili, per rapida consegna, diametri intermedi fino a 200 mm e con differenti spessori.**



### Supply programme

**SC** - High-precision tubes in steel, with specular surface on ID, ready for construction of hydraulic and pneumatic cylinders

### Tolerances

EN 10305-1  
On ID ISO H8 □ H9  
including ovality and taper.  
On OD DIN 2391  
On thickness □ 10%.  
Straightness: 1/1000.

### Surface finish

Inner surface average roughness  
Ra □0,4 microns  
Outer surface DIN 2391.

### Tube length

Standard commercial lengths  
in the range 1,5 to 6 m.  
Greater lengths available on request.  
Also available cut to measure.

### Material

E355.

### Protection

Tubes are protected with a film of mineral oil temporarily protecting both inner and outer surfaces against corrosion.

### Range of dimensions

Inner diameters in the range 30 to 160 mm in stock.  
**Intermediate diameters of up to 200 mm and different thicknesses can be supplied, even for rapid delivery.**

### Dimensioni / Dimension

Typo	Dimensioni	Pressione esercizio/bar fs = 2	Massa teorica kg/m
SC	30/40/5	530	4,316
SC	30/45/7,5	705	6,936
SC	30/50/10	845	9,860
SC	32/42/5	465	4,562
SC	35/45/5	470	4,932
SC	35/55/10	765	11,340
SC	40/50/5	420	5,549
SC	40/55/7,5	575	8,785
SC	40/60/10	705	12,330
SC	45/55/5	385	6,165
SC	45/60/7,5	525	9,710
SC	50/60/5	350	6,782
SC	50/65/7,5	485	10,630
SC	50/70/10	605	14,800
SC	55/65/5	325	7,398
SC	55/70/7,5	450	11,560
SC	55/75/10	565	16,030
SC	60/70/5	300	8,015
SC	60/75/7,5	420	12,480
SC	60/80/10	525	17,260
SC	63/73/5	290	8,384
SC	65/75/5	280	8,631
SC	65/80/7,5	395	13,410
SC	65/85/10	495	18,490
SC	70/80/5	265	9,248
SC	70/85/7,5	370	14,330
SC	70/90/10	470	19,720
SC	75/85/5	245	9,864
SC	75/90/7,5	350	15,260
SC	75/95/10	445	20,950
SC	80/90/5	235	10,480
SC	80/95/7,5	330	16,180
SC	80/100/10	420	22,190
SC	85/95/5	220	11,100
SC	85/100/7,5	315	17,100
SC	90/100/5	210	11,710
SC	90/105/7,5	300	18,030
SC	90/110/10	385	24,660
SC	95/105/5	200	12,330
SC	95/110/7,5	285	18,960
SC	95/115/10	365	25,894
SC	100/110/5	190	12,950
SC	100/115/7,5	275	19,880
SC	100/120/10	350	27,120
SC	100/130/15	486	42,540
SC	105/115/5	180	13,560
SC	105/120/7,5	265	20,810
SC	110/125/7,5	250	21,730
SC	110/130/10	325	29,590
SC	115/130/7,5	240	22,660
SC	115/135/10	226	30,830
SC	120/130/5	160	15,410
SC	120/135/7,5	163	23,580
SC	120/140/10	300	32,060
SC	125/140/7,5	225	24,510
SC	125/145/10	290	33,290
SC	125/150/12,5	260	42,390
SC	130/150/10	200	34,530
SC	140/160/10	265	36,993
SC	140/165/12,5	232	47,000
SC	140/170/15	279	57,320
SC	150/170/10	173	39,440
SC	160/180/10	163	41,920
SC	160/190/15	244	64,730

Code      Ø      Operating pressure/bar sf = 2      Theoretical mass kg/m



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