

## Catalogue of Products

### **Bright Steel Bars**

#### *Description*

- Smooth and shiny surface, making it appear bright
- Available forms: round, hexagonal and square
- Available types:
  - Free Cutting Steel
  - Quenched and Tempered Steel
  - Case Hardening Steel
  - Mild (Construction) Steel
  - Bearing Steel

#### *Application and Uses*

- Automobile Industries: production of nuts, bolts, shafts, other constituents of engines
- Heavy engineering Industries: production of heavy machines, manufacturing tools (e.g. textile industry, agricultural sector, food industry)
- Electric pumps and electric motors
- Railway engines and coaches



## Wire Rods

### *Description*

- Semi-finished steel product
- Wound up in coils
- Available forms: round, hexagonal
- Available types: mild steel rod, medium or high carbon content wire, free cuts

### *Application and Uses*

- Wide variety of construction and industrial application (see Bright Steel Bars)



## Wire-Shorts

### *Description*

- Unsorted, carbon graded wires
- Wound up in coils
- Available grades: up to C76D (mainly C9D), partly PVC coated
- Available dimensions: 1.50mm to 10.00mm (mainly between 2.00mm and 6.00mm)

### *Application and Uses*

- Construction and industrial application
- Welding process
- Fence-construction



## Transportation and handling of the material

- Bright Steel Bars, which are relatively vulnerable to extreme environmental fluctuations (humidity, wind, cold or hot weather) are handled in a way that protects the quality of the material and minimizes the risk of structural damages (rust, etc.)
- Container stuffing and transportation of the materials apply to European safety standards



## Main suppliers

- European manufacturers (German, French, Swiss)

## Example list of regularly available positions

- Free Cuts (Bright Steel Bars)

Form	Dia (mm)	Grade	Length (m)	HS	Bundles	Quantity (kg)
Hex	17,00	11SMnPb30	3,00 -3,05	72151000	1	897
Hex	27,00	11SMnPb30	3,50 -4,00	72151000	1	670
Hex	27,00	11SMnPb30	3,00 -3,05	72151000	1	730
Hex	27,00	11SMn30	3,00 -3,05	72151000	1	522
Hex	24,00	11SMnPb30	3,00 -3,05	72151000	1	1.716
Round	12,00	11SMn30	3,00 -3,05	72151000	2	1.584
Round	9,00	11SMnPb30	3,00 -3,05	72151000	1	750
Round	17,00	11SMnPb30	3,80 -4,00	72151000	9	16.026
Round	18,00	11SMnPb30	3,00 -3,05	72151000	1	1.416

Form	Dia. (mm)	Grade	Length (m)	Bundle	Quantity (kg)
Round	56,00	11SMn30	3,50-3,80	6	6.805
Round	60,00	11SMn30	3,50-3,80	11	12.375
Round	62,00	11SMn30	3,50-3,80	1	1.265
Round	66,00	11SMn30	3,50-3,80	4	3.627

- Bright Steel Bars (other than Free Cuts)

Quantity		Material description	Form	Dia (mm)	Length (m)	Length Tolerance (mm)
0,580	TO	42CrMo4 +QT+C+SR rund 12.600 L3050.0	Rund	12,600	3.050,0	50,0
0,848	TO	C45 +AC+C+A+SL rund 9.500 L3000.0	Rund	9,500	3.000,0	50,0
0,656	TO	11SMn30 +C+A rund 11.300 L3000.0	Rund	11,300	3.000,0	50,0
2,074	TO	20MnCr55 +FP+C rund 18.250 L3930.0	Rund	18,250	3.930,0	50,0
1,460	TO	C45 +AC+C+A rund 8.200 L3000.0	Rund	8,200	3.000,0	50,0
1,494	TO	20MnCr55 +FP+C rund 18.250 L3930.0	Rund	18,250	3.930,0	50,0
1,204	TO	20MnCr55 +FP+C rund 18.250 L3930.0	Rund	18,250	3.930,0	50,0
2,068	TO	42CrMo54 +QT+SH+SR rund 35.000 L3000.0	Rund	35,000	3.000,0	150,0
2,098	TO	42CrMo54 +QT+SH+SR rund 35.000 L3000.0	Rund	35,000	3.000,0	150,0
2,098	TO	42CrMo54 +QT+SH+SR rund 35.000 L3000.0	Rund	35,000	3.000,0	150,0
1,288	TO	16MnCr5 +FP+C rund 25.000 L3000.0	Rund	25,000	3.000,0	100,0
0,660	TO	44SMn28 +C+SR rund 25.000 L2800.0	Rund	25,000	2.800,0	400,0
1,394	TO	44SMn28 +C+SH+SR rund 19.500 L3000.0	Rund	19,500	3.000,0	100,0
0,999	TO	Cf53 +AC+C+A rund 20.300 L3075.0	Rund	20,300	3.075,0	30,0
1,520	TO	Cf53 +AC+C+A rund 20.300 L3075.0	Rund	20,300	3.075,0	30,0
1,370	TO	44SMn28 +C+SH+SR rund 19.500 L3000.0	Rund	19,500	3.000,0	100,0
1,294	TO	44SMn28 +C+SH+SR rund 19.500 L3000.0	Rund	19,500	3.000,0	100,0
0,656	TO	44SMn28 +C+SH+SR rund 19.500 L3000.0	Rund	19,500	3.000,0	100,0
1,623	TO	11SMnPb30 +C+A rund 29.500 L3730.0	Rund	29,500	3.730,0	50,0
0,514	TO	16MnCr55 +FP+C 4-kant 20.000 L3000.0	Rund	0,000	3.000,0	998,0
2,516	TO	11SMnPb30 +C+A rund 29.500 L3730.0	Rund	29,500	3.730,0	50,0
0,580	TO	16MnCrPb5 +FP+C rund 14.000 L3000.0	Rund	14,000	3.000,0	50,0
1,272	TO	Cf53 +N+C rund 15.300 L3000.0	Rund	15,300	3.000,0	200,0
0,320	TO	11SMn30 +C+A rund 14.500 L3000.0	Rund	14,500	3.000,0	100,0
0,392	TO	C45 +C rund 25.300 L3200.0	Rund	25,300	3.200,0	50,0
1,880	TO	Cf53 +N+C rund 15.300 L3000.0	Rund	15,300	3.000,0	200,0
0,360	TO	11SMnPb30 +C rund 14.500 L3000.0	Rund	14,500	3.000,0	50,0
0,746	TO	51CrV4 +QT+C+SR rund 9.200 L3000.0	Rund	9,200	3.000,0	50,0
0,940	TO	C45Pb +C 6-kantl 17.000 L3000.0	6-kant	17,000	3.000,0	50,0
0,658	TO	34CrNiMo6 +AC+C rund 30.000 L3900.0	Rund	30,000	3.900,0	100,0
1,003	TO	16MnCr55 +FP+AC+SH rund 30.000 L2950.0	Rund	30,000	2.950,0	100,0
1,046	TO	44SMn28 +C rund 17.000 L3000.0	Rund	17,000	3.000,0	50,0

1,970	TO	20MnCrS5 +QT+SH rund 30.300 L5250.0	Rund	30,300	5.250,0	100,0
2,417	TO	20MnCrS5 +QT+SH rund 30.300 L5250.0	Rund	30,300	5.250,0	100,0
2,120	TO	20MnCrS5 +QT+SH rund 30.300 L5250.0	Rund	30,300	5.250,0	100,0
0,734	TO	25CrMo4 +QT+C+SR rund 18.300 L4000.0	Rund	18,300	4.000,0	100,0
0,488	TO	Cf53 +QT+C+A+SL rund 13.170 L3980.0	Rund	13,170	3.980,0	40,0
0,476	TO	11SMnPb30 +C rund 19.700 L4000.0	Rund	19,700	4.000,0	50,0
1,420	TO	25CrMo4 +QT+C+SR rund 20.000 L4000.0	Rund	20,000	4.000,0	100,0
1,152	TO	Cf53 +QT+C+A+SL rund 13.170 L3980.0	Rund	13,170	3.980,0	40,0
1,114	TO	21CrMoV5-7 +QT+C+SR rund 21.840 L4000.0	Rund	21,840	4.000,0	100,0
1,020	TO	11SMn30 +C rund 14.550 L4000.0	Rund	14,550	4.000,0	50,0
0,840	TO	11SMn30 +C rund 14.550 L4000.0	Rund	14,550	4.000,0	50,0
0,522	TO	34CrNiMo6 +AC+C rund 30.000 L4400.0	Rund	30,000	4.400,0	100,0
1,846	TO	11SMn30 +C 6-kantl 35.000 L3755.0	6-kant	35,000	3.755,0	33,0
2,300	TO	11SMn30 +C 6-kantl 35.000 L3755.0	6-kant	35,000	3.755,0	33,0
0,880	TO	11SMn30 +C 6-kantl 35.000 L3755.0	6-kant	35,000	3.755,0	33,0

### Wire-Rods

Dia. (mm)	Ring	Quantity (kg)	Grade	Form
7	4	6546	30MnB4	RD
7	3	4894	30MnB4	RD
7	4	6528	30MnB4	RD
7	1	1844	11SMnPb37	RD
7	5	9214	11SMnPb37	RD
7	3	5504	11SMnPb37	RD
8	3	5578	C60	RD
8	17	30336	11SMn37	RD
8	4	7384	11SMn37	RD
9	9	16394	20MnB4	RD
9,5	3	5504	36SMnPb14	RD
9,5	3	5530	36SMnPb14	RD
11	4	7570	37Cr4	RD
12,5	4	7492	27MnSi6	RD
12,5	9	16868	27MnSi6	RD
13	4	7470	30MnB4	RD
13	2	3696	30MnB4	RD
13	6	10762	44SMnPb28	RD
14	3	5638	37Cr4	RD
14,5	29	54132	C35R	RD
14,5	1	1824	C35R	RD
15	1	1882	46S20	RD
15	3	5626	46S20	RD
15,5	1	1822	11SMnPb37	RD
15,5	4	7364	11SMnPb37	RD
15,5	1	1836	11SMnPb37	RD
16	4	7360	SAE1144	RD
17	1	1852	46S20	RD
17	2	3728	46S20	RD
17	2	3642	11SMnPb37	RD
17	1	1822	11SMnPb37	RD
17,5	5	9108	SAE1144	RD
17,5	6	10864	SAE1144	RD
18	11	20720	46S20	RD
19	5	9202	20MnB4	RD
19	6	11168	SAE1144	RD
22,5	3	5556	37MnB5	RD
22,5	1	1812	37MnB5	RD
23,5	4	7410	11SMnPb30	RD
23,5	5	9314	11SMnPb30	RD
24	2	3696	11SMnPb30	RD
24	2	3704	11SMnPb30	RD
30	10	18288	SAE1144	6KT
34	3	5604	C4C	RD
34	13	24350	C4C	RD
34	11	20656	C4C	RD
50	1	1642	S235J2	RD
50	4	7522	S235J2	RD