



<sup>®</sup>  
**Cotrac**



**HIGH RESISTANCE CHAINS AND TIRE CHAINS**

- ✓ Steel wire ropes, bright or galvanized for diverse industrial use, with diameters from 1mm to 80 mm;
- ✓ Galvanized steel wire ropes with standard or spiral construction (strands), flexible or semi flexible, with diameters starting from 1mm, delivered in coils of specific length or on wooden reels;
- ✓ Wire rope slings for traction or lifting, matissed or with sleeves at ends, simple or with high resistance accessories (hooks, shackles etc.) with 1, 2, 3 or 4 legs, wire rope diameters starting from 6m (300 kg lift) to 80mm (over 75000 kg lift);
- ✓ Grade 3 resistance chains according to DIN 766 (short link);
- ✓ High resistance chains, grade 8 according to EN 818, in specific lengths, or delivered as lifting or anchoring devices; mining chains according to DIN 22252;
- ✓ Chain lifting devices with 1, 2, 3, 4 or more legs, with or without tightener;
- ✓ Commercial galvanized chains, chains for animals;
- ✓ Chain anchoring devices for transport platforms;
- ✓ Lifting webbing slings, endless or flat, made of polyester, with a lift capacity starting from 1 ton; anchoring belts for goods during transport, with lengths of 5, 6, 8, 10 or 12m;
- ✓ Rutile or base welding electrodes, diameters 2.50, 3.25, 4.00 or 5.00mm; SG2 welding wire;
- ✓ 'Martin Miller' saw blades;
- ✓ Accessories for chains and wire ropes, for commercial and industrial use (clips, thimbles, hooks, shackles, snap hooks etc.);
- ✓ (\*) Assembly pieces, bright or galvanized, or stainless steel, for different industrial use; shaft and bore rings, clamps;
- ✓ (\*) Profiles, plates, pipes and other metallurgical products;
- ✓ (\*) Coke, carbide, PP and PES cords.

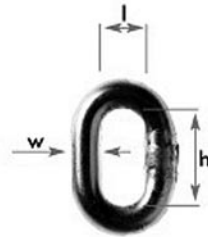
## Our clients recommend us

SATISFIED CLIENTS	FIELD OF ACTIVITY	DELIVERED PRODUCTS
FORAJ SONDE SA • DAFORA FORAJ SA	Gas and petrol drilling	Pipes, wire ropes, lifting and anchoring devices
ROMGAZ SA • TRANSGAZ SA • E.ON GAZ DISTRIBUȚIE SA	Natural gas	Coke, pipes, welding electrodes
DAMEN SHIPYARDS • ȘANTIERUL NAVAL CONSTANȚA • AKER SA	Shipyards and docks	High resistance chains, wire ropes for ships and anchoring
SCCF - COLAS SA • ACSA SA • 2 INVEST SA	Construction of bridges and rafts	High resistance wire ropes, assembly pieces
HIDROCONSTRUCȚIA SA • CONSTRUCȚII HIDROTEHNICE SA	Hydro technical constructions	Wire ropes, pipes, welding electrodes
BUILD CORP SRL • ROMBET SA • VICTOR CONSTRUCT • CONTRANSCOM BENȚA SA	Civil and industrial constructions	Materials for fixing, anchoring, traction and welding
COMPANIA NAȚIONALĂ A HUILEI • SOCIETATEA NAȚIONALĂ A LIGNITULUI OLTENIA	Mining	High resistance chains, carbide, wire ropes
COMPANIA NAȚIONALĂ A URANIULUI • SOCIETATEA NAȚIONALĂ A SĂRII	Extraction industry	Big wire ropes for draglines, excavators
COMPLEXUL ENERGETIC ROVINARI • COMPLEXUL ENERGETIC TURCENI SA	Energy complexes	Steel wire ropes, high resistance chains
MECANICA MARSA • MECANICA CEAHLĂU	Car manufacturing industry	Wire ropes for traction, electrodes and welding wire
HOLCIM SA • LAFARGE SA • CARPATCEMENT	Concrete industry	Special construction wire ropes, electrodes and welding wire
RNP ROMSILVA SA • HLV • FORESTAR	Forestry	Chains, wire ropes, drive belts, assembly pieces
ROMANEL SA • KRONOSPAN • MOBEXPERT	Timber industry	Saw blades, drive belts, welding electrodes, assembly pieces

# DIN 766 CALIBRATED CHAIN (SHORT LINK)



## DIN 766 CALIBRATED CHAIN (SHORT LINK)



Link diameter	Interior sizes		Approx. linear mass	Workload	Minimum breaking load
	Pitch h	Width l			
mm	mm	mm	kg/1000m	kg.	kg.
3	16	5	165	125	500
4	16	6	320	175	750
5	18.5	7	500	325	1300
6	18.5	8	750	450	1800
7	22	9	1100	563	2550
8	24	10	1400	825	3300
9	27	12	1800	1013	4050
10	28	14	2225	1250	5000
11	31	15	2700	1250	5000
12	36	16	3100	2125	8500
13	36	18	3800	2125	8600
14	41	19	4400	2375	9500
16	45	22	5700	3175	12700

### Equivalent standards: STAS 7951

The product can be delivered in bulk to fixed lengths or coils;

### Delivery conditions:

bright, electrolytically galvanized, galvanized, stainless steel.

### Field of use:

in agriculture, household items, nautical ships (light vessels), joints and safety elements, tire chains.

These chains are not to be used for traction or lifting weights;

They are not to be used for a load that is higher than the one specified in the standard.





# GRADE 80 HIGH RESISTANCE CHAINS ACCORDING TO EN 818-2



**GRADE 80 HIGH RESISTANCE CHAINS ACCORDING TO EN 818-2**



Link diameter	Interior sizes		Approx. linear mass	Workload	Minimum breaking load
	Pitch h	Width l			
mm	mm	mm	kg/1000m	kg.	mm.
6	18	7.5	790	1120	45
7	21	9	1007	1500	62
8	24	10	1380	2000	80
10	30	12.5	2200	3150	125
13	39	16.3	3800	5300	214
16	48	20	5630	8000	320
19	57	23.7	7700	11300	450

**Equivalent standards:** EN 818-2+A1:2008

The product can be delivered in bulk to fixed lengths;

**Delivery condition:** bright, painted black, galvanized.

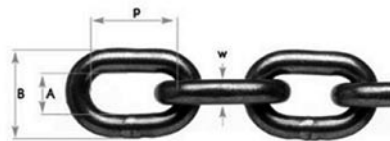
**Field of use:**

- In constructions: lifting devices, chain lifting equipments.
- In transports: chain anchoring systems.

# HIGH RESISTANCE CHAINS FOR MINING, ACCORDING TO DIN 22252



HIGH RESISTANCE CHAINS FOR MINING,  
ACCORDING TO DIN 22252



Link diameter mm	Interior sizes		Approx. linear mass kg/1000m	Workload kg.	Minimum breaking load mm.
	Pitch h mm	Width l mm			
14	50	17	4000	670	190
18	64	21	6600	670	320
18	80	21	6000	670	320
19	64.5	22	7600	670	360
19	75	22	7100	670	360
14	50	17	4000	800	250
18	64	21	6600	800	410
18	80	21	6000	800	410
19	64.5	22	7600	800	450
19	75	22	7100	800	450
20	64	23	8400	800	500
20	80	23	7700	800	500
22	86	26	9500	800	610
30	108	34	19200	800	1130

**Equivalent standards:** STAS 8777/80

The product's delivery condition and lengths are according to customer's order.

**Field of use:**

High resistance calibrated chains for mine carriers.





# GENOVESE CHAINS

## GENOVESE CHAINS



Link diameter	Interior sizes		Approx. linear mass	Workload
	Pitch h	Width l		
mm	mm	mm	kg/1000m	kg
1.6	13	4	42	15
2.2	15.2	6.2	87	25
2.4	16.2	6.2	102	30
2.8	17	6.6	131	37
3	19	7	165	110
3.5	20	7.5	215	150
4	20.5	8	280	160
4.5	22	8.5	365	250
5	23	9.5	455	300
5.5	27	10	545	350
6	29	11	650	360
6.5	30.5	11.5	790	450
7	30.5	12.5	920	500
7.5	32	13.5	1070	600
8	35	14.5	1205	650
10	40	17.5	1900	1100
14	52.5	25	3970	2000

The product can be delivered in bulk to fixed lengths or coils;

**Delivery condition:** bright, galvanized or electrolytically galvanized.

**Field of use:**

in agriculture, household items, nautical ships (light vessels), joints and safety elements.

These chains are not to be used for traction or lifting weights; they are not to be used for a load that is higher than the one specified in the standard.



# PLASE DE LANȚ ANTIDERAPANTE



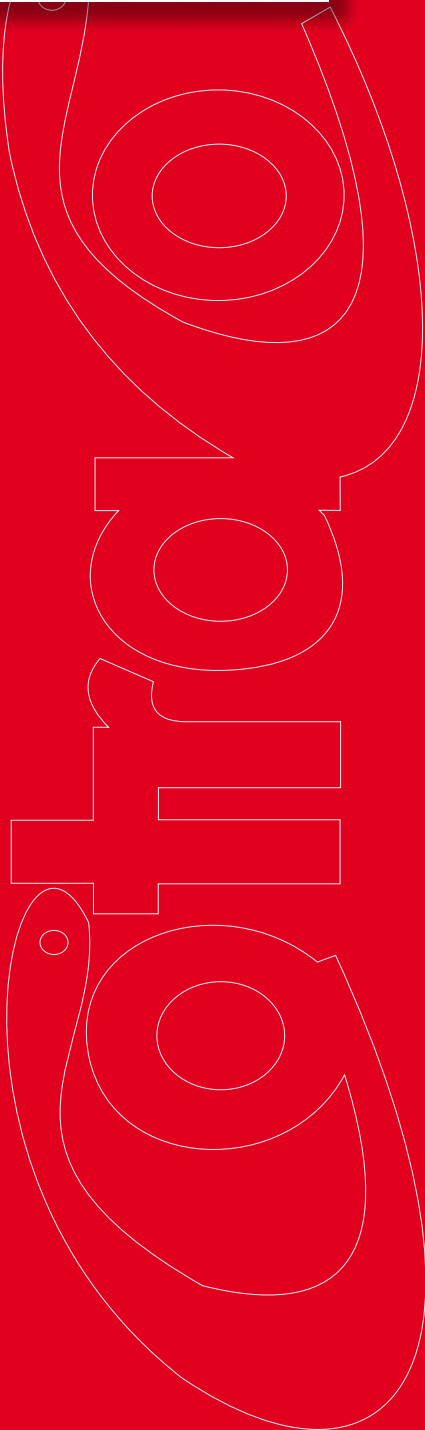
TYPE		Total length L1 [mm]	Border chain type w x p [mm]	Tire chain width L2 [mm]	Interior chain type/ shoe type w x p [mm]
TRUCK	1100-20	2754	φ 9x38	555	φ 9x27
TRUCK	295/70x22.5	2754	φ 9x38	555	φ 9x27
TRUCK	295/80x22.5	2754	φ 9x38	555	φ 9x27
TRUCK	1200-20	2860	φ 9x38	555	φ 9x27
TRUCK	315/70x22.5	2860	φ 9x38	555	φ 9x27
TRUCK	315/80x22.5	2860	φ 9x38	555	φ 9x27
TRUCK	1400-20	2980	φ 9x38	555	φ 9x27
TRUCK	385/70x22.5	2980	φ 9x38	555	φ 9x27
TRUCK	385/80x22.5	2980	φ 9x38	555	φ 9x27
TRACTOR	11X11	3800	φ 11x40	686	φ 11x31
FORREST TRACTOR	11X11	3045	φ 11x40	820	φ 11x31
TRACTOR	11X14	3800	φ 11x40	686	φ 14x43
FORREST TRACTOR	11X14	3045	φ 11x40	820	φ 14x43
FORREST TRACTOR	SHOE	3045	φ 11x40	820	16 +/-0,5
FORREST TRACTOR	SHOE	3045	φ 14x50	820	20 +/-0,5

The tire chains are manufactured of DIN 766 calibrated chains, by welding the elements to sizes that correspond to the dimensions of the mentioned equipment's tires. They are delivered by piece and for equipping a machine there are at least two pieces of tire chains needed.

## Fields of use:

tractors, trucks, forestry machines, surface mining machines, generally on off-road surfaces with high danger of bogging.

For a better grip on forestry roads, we recommend using tire chains on the entire period of the year, to avoid bogging in wet soils. The forestry tire chains are not appropriate for driving on public roads; in contact with hard surfaces (concrete, asphalt) the tire chains will break / wear out faster.



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