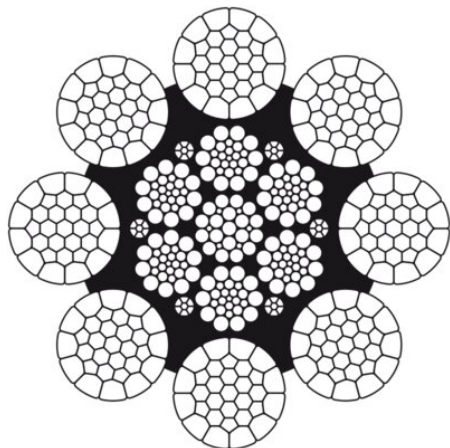
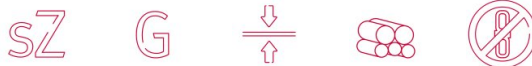


## Steel Wire Rope verosteel 8

### Product information



**Wire rope construction:** verosteel 8 is 8-strand non-rotation-resistant rope with compacted outer strands.

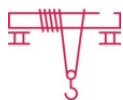
#### Features:

- Intensive lubricated and produced either in galvanized or in ungalvanized wires.
- Provides excellent spooling behavior on multilayer drum.
- Very flexible rope construction with high abrasion resistance and good service life.
- Recommended in application with high environment temperature.

#### ISO 4309

**Rope Category No:** Up to 42mm **RCN.09**, 43-48mm **RCN.11**, > 48mm **RCN.13**  
 ... [Read more](#)

Overhead cranes



Ladle crane



**Marking:** According to standard

**Standard:** EN 12385-4

**Warning:** verosteel 8 may not be used with a swivel.

**Fill factor:** 0.702

**RCN:** 09

**Tolerance Ø:** +2% to +4%

## Steel Wire Rope verosteel 8

### Technical data

Part code	Rope diameter mm	Tensile strength N/mm <sup>2</sup>	Finish	Rope lay	Min. breaking force kN	Steel area mm <sup>2</sup>	Lubrication	Weight kg/100m
01.B12V8R160G	16	1,960	Bright	sZ	235.1	141	SupplierStandard	116
01.G12V8R160G	16	1,960	Galvanized	sZ	235.1	141	SupplierStandard	116
01.B12V8R160H	16	2,160	Bright	sZ	254.4	141	SupplierStandard	116
01.G12V8R160H	16	2,160	Galvanized	sZ	254.4	141	SupplierStandard	116
01.B12V8R170G	17	1,960	Bright	sZ	265.5	159	SupplierStandard	132
01.G12V8R170G	17	1,960	Galvanized	sZ	265.5	159	SupplierStandard	132
01.B12V8R170H	17	2,160	Bright	sZ	287.2	159	SupplierStandard	132
01.G12V8R170H	17	2,160	Galvanized	sZ	287.2	159	SupplierStandard	132
01.B12V8R180G	18	1,960	Bright	sZ	297.6	179	SupplierStandard	147
01.G12V8R180G	18	1,960	Galvanized	sZ	297.6	179	SupplierStandard	147
01.B12V8R180H	18	2,160	Bright	sZ	322	179	SupplierStandard	147
01.G12V8R180H	18	2,160	Galvanized	sZ	322	179	SupplierStandard	147
01.B12V8R190G	19	1,960	Bright	sZ	331.6	199	SupplierStandard	164
01.G12V8R190G	19	1,960	Galvanized	sZ	331.6	199	SupplierStandard	164
01.B12V8R190H	19	2,160	Bright	sZ	358.7	199	SupplierStandard	164
01.G12V8R190H	19	2,160	Galvanized	sZ	358.7	199	SupplierStandard	164
01.B12V8R200G	20	1,960	Bright	sZ	367.4	221	SupplierStandard	182
01.G12V8R200G	20	1,960	Galvanized	sZ	367.4	221	SupplierStandard	182
01.B12V8R200H	20	2,160	Bright	sZ	397.5	221	SupplierStandard	182
01.G12V8R200H	20	2,160	Galvanized	sZ	397.5	221	SupplierStandard	182
01.B12V8R210G	21	1,960	Bright	sZ	405.1	243	SupplierStandard	201
01.G12V8R210G	21	1,960	Galvanized	sZ	405.1	243	SupplierStandard	201
01.B12V8R210H	21	2,160	Bright	sZ	438.2	243	SupplierStandard	201
01.G12V8R210H	21	2,160	Galvanized	sZ	438.2	243	SupplierStandard	201
01.B12V8R220G	22	1,960	Bright	sZ	444.6	267	SupplierStandard	220
01.G12V8R220G	22	1,960	Galvanized	sZ	444.6	267	SupplierStandard	220
01.B12V8R220H	22	2,160	Bright	sZ	481	267	SupplierStandard	220
01.G12V8R220H	22	2,160	Galvanized	sZ	481	267	SupplierStandard	220
01.B12V8R230G	23	1,960	Bright	sZ	485.9	292	SupplierStandard	241
01.G12V8R230G	23	1,960	Galvanized	sZ	485.9	292	SupplierStandard	241
01.B12V8R230H	23	2,160	Bright	sZ	525.7	292	SupplierStandard	241

## Steel Wire Rope verosteel 8

### Technical data

Part code	Rope diameter mm	Tensile strength N/mm <sup>2</sup>	Finish	Rope lay	Min. breaking force kN	Steel area mm <sup>2</sup>	Lubrication	Weight kg/100m
01.G12V8R230H	23	2,160	Galvanized	sZ	525.7	292	SupplierStandard	241
01.B12V8R240G	24	1,960	Bright	sZ	529.1	318	SupplierStandard	262
01.G12V8R240G	24	1,960	Galvanized	sZ	529.1	318	SupplierStandard	262
01.B12V8R240H	24	2,160	Bright	sZ	572.4	318	SupplierStandard	262
01.G12V8R240H	24	2,160	Galvanized	sZ	572.4	318	SupplierStandard	262
01.B12V8R250G	25	1,960	Bright	sZ	574.1	345	SupplierStandard	284
01.G12V8R250G	25	1,960	Galvanized	sZ	574.1	345	SupplierStandard	284
01.B12V8R250H	25	2,160	Bright	sZ	621.1	345	SupplierStandard	284
01.G12V8R250H	25	2,160	Galvanized	sZ	621.1	345	SupplierStandard	284
01.B12V8R260G	26	1,960	Bright	sZ	620.9	373	SupplierStandard	308
01.G12V8R260G	26	1,960	Galvanized	sZ	620.9	373	SupplierStandard	308
01.B12V8R260H	26	2,160	Bright	sZ	671.7	373	SupplierStandard	308
01.G12V8R260H	26	2,160	Galvanized	sZ	671.7	373	SupplierStandard	308
01.B12V8R270G	27	1,960	Bright	sZ	669.6	402	SupplierStandard	332
01.G12V8R270G	27	1,960	Galvanized	sZ	669.6	402	SupplierStandard	332
01.B12V8R270H	27	2,160	Bright	sZ	724.4	402	SupplierStandard	332
01.G12V8R270H	27	2,160	Galvanized	sZ	724.4	402	SupplierStandard	332
01.B12V8R280G	28	1,960	Bright	sZ	720.1	432	SupplierStandard	357
01.G12V8R280G	28	1,960	Galvanized	sZ	720.1	432	SupplierStandard	357
01.B12V8R280H	28	2,160	Bright	sZ	779.1	432	SupplierStandard	357
01.G12V8R280H	28	2,160	Galvanized	sZ	779.1	432	SupplierStandard	357
01.B12V8R290G	29	1,960	Bright	sZ	772.5	464	SupplierStandard	383
01.G12V8R290G	29	1,960	Galvanized	sZ	772.5	464	SupplierStandard	383
01.B12V8R290H	29	2,160	Bright	sZ	835.7	464	SupplierStandard	383
01.G12V8R290H	29	2,160	Galvanized	sZ	835.7	464	SupplierStandard	383
01.B12V8R300G	30	1,960	Bright	sZ	826.7	496	SupplierStandard	409
01.G12V8R300G	30	1,960	Galvanized	sZ	826.7	496	SupplierStandard	409
01.B12V8R300H	30	2,160	Bright	sZ	894.3	496	SupplierStandard	409
01.G12V8R300H	30	2,160	Galvanized	sZ	894.3	496	SupplierStandard	409
01.B12V8R310G	31	1,960	Bright	sZ	882.7	530	SupplierStandard	437
01.G12V8R310G	31	1,960	Galvanized	sZ	882.7	530	SupplierStandard	437

## Steel Wire Rope verosteel 8

### Technical data

Part code	Rope diameter mm	Tensile strength N/mm <sup>2</sup>	Finish	Rope lay	Min. breaking force kN	Steel area mm <sup>2</sup>	Lubrication	Weight kg/100m
01.B12V8R310H	31	2,160	Bright	sZ	954.9	530	SupplierStandard	437
01.G12V8R310H	31	2,160	Galvanized	sZ	954.9	530	SupplierStandard	437
01.B12V8R320G	32	1,960	Bright	sZ	940.6	565	SupplierStandard	466
01.G12V8R320G	32	1,960	Galvanized	sZ	940.6	565	SupplierStandard	466
01.B12V8R320H	32	2,160	Bright	sZ	1,018	565	SupplierStandard	466
01.G12V8R320H	32	2,160	Galvanized	sZ	1,018	565	SupplierStandard	466
01.B12V8R330G	33	1,960	Bright	sZ	1,000	600	SupplierStandard	495
01.G12V8R330G	33	1,960	Galvanized	sZ	1,000	600	SupplierStandard	495
01.B12V8R330H	33	2,160	Bright	sZ	1,082	600	SupplierStandard	495
01.G12V8R330H	33	2,160	Galvanized	sZ	1,082	600	SupplierStandard	495
01.B12V8R340G	34	1,960	Bright	sZ	1,062	637	SupplierStandard	526
01.G12V8R340G	34	1,960	Galvanized	sZ	1,062	637	SupplierStandard	526
01.B12V8R340H	34	2,160	Bright	sZ	1,149	637	SupplierStandard	526
01.G12V8R340H	34	2,160	Galvanized	sZ	1,149	637	SupplierStandard	526
01.B12V8R350G	35	1,960	Bright	sZ	1,125	675	SupplierStandard	557
01.G12V8R350G	35	1,960	Galvanized	sZ	1,125	675	SupplierStandard	557
01.B12V8R350H	35	2,160	Bright	sZ	1,217	675	SupplierStandard	557
01.G12V8R350H	35	2,160	Galvanized	sZ	1,217	675	SupplierStandard	557
01.B12V8R360G	36	1,960	Bright	sZ	1,190	715	SupplierStandard	590
01.G12V8R360G	36	1,960	Galvanized	sZ	1,190	715	SupplierStandard	590
01.B12V8R360H	36	2,160	Bright	sZ	1,288	715	SupplierStandard	590
01.G12V8R360H	36	2,160	Galvanized	sZ	1,288	715	SupplierStandard	590
01.B12V8R370G	37	1,960	Bright	sZ	1,257	755	SupplierStandard	623
01.G12V8R370G	37	1,960	Galvanized	sZ	1,257	755	SupplierStandard	623
01.B12V8R370H	37	2,160	Bright	sZ	1,360	755	SupplierStandard	623
01.G12V8R370H	37	2,160	Galvanized	sZ	1,360	755	SupplierStandard	623
01.B12V8R380G	38	1,960	Bright	sZ	1,326	796	SupplierStandard	657
01.G12V8R380G	38	1,960	Galvanized	sZ	1,326	796	SupplierStandard	657
01.B12V8R380H	38	2,160	Bright	sZ	1,435	796	SupplierStandard	657
01.G12V8R380H	38	2,160	Galvanized	sZ	1,435	796	SupplierStandard	657
01.B12V8R390G	39	1,960	Bright	sZ	1,397	839	SupplierStandard	692

## Steel Wire Rope verosteel 8

### Technical data

Part code	Rope diameter mm	Tensile strength N/mm <sup>2</sup>	Finish	Rope lay	Min. breaking force kN	Steel area mm <sup>2</sup>	Lubrication	Weight kg/100m
01.G12V8R390G	39	1,960	Galvanized	sZ	1,397	839	SupplierStandard	692
01.B12V8R390H	39	2,160	Bright	sZ	1,511	839	SupplierStandard	692
01.G12V8R390H	39	2,160	Galvanized	sZ	1,511	839	SupplierStandard	692
01.B12V8R400G	40	1,960	Bright	sZ	1,470	882	SupplierStandard	728
01.G12V8R400G	40	1,960	Galvanized	sZ	1,470	882	SupplierStandard	728
01.B12V8R400H	40	2,160	Bright	sZ	1,590	882	SupplierStandard	728
01.G12V8R400H	40	2,160	Galvanized	sZ	1,590	882	SupplierStandard	728
01.B12V8R410G	41	1,960	Bright	sZ	1,544	927	SupplierStandard	765
01.G12V8R410G	41	1,960	Galvanized	sZ	1,544	927	SupplierStandard	765
01.B12V8R410H	41	2,160	Bright	sZ	1,670	927	SupplierStandard	765
01.G12V8R410H	41	2,160	Galvanized	sZ	1,670	927	SupplierStandard	765
01.B12V8R420G	42	1,960	Bright	sZ	1,620	973	SupplierStandard	802
01.G12V8R420G	42	1,960	Galvanized	sZ	1,620	973	SupplierStandard	802
01.B12V8R420H	42	2,160	Bright	sZ	1,753	973	SupplierStandard	802
01.G12V8R420H	42	2,160	Galvanized	sZ	1,753	973	SupplierStandard	802
01.B12V8R430G	43	1,960	Bright	sZ	1,698	1,019	SupplierStandard	841
01.G12V8R430G	43	1,960	Galvanized	sZ	1,698	1,019	SupplierStandard	841
01.B12V8R430H	43	2,160	Bright	sZ	1,837	1,019	SupplierStandard	841
01.G12V8R430H	43	2,160	Galvanized	sZ	1,837	1,019	SupplierStandard	841
01.B12V8R440G	44	1,960	Bright	sZ	1,778	1,067	SupplierStandard	881
01.G12V8R440G	44	1,960	Galvanized	sZ	1,778	1,067	SupplierStandard	881
01.B12V8R440H	44	2,160	Bright	sZ	1,924	1,067	SupplierStandard	881
01.G12V8R440H	44	2,160	Galvanized	sZ	1,924	1,067	SupplierStandard	881
01.B12V8R450G	45	1,960	Bright	sZ	1,860	1,116	SupplierStandard	921
01.G12V8R450G	45	1,960	Galvanized	sZ	1,860	1,116	SupplierStandard	921
01.B12V8R450H	45	2,160	Bright	sZ	2,012	1,116	SupplierStandard	921
01.G12V8R450H	45	2,160	Galvanized	sZ	2,012	1,116	SupplierStandard	921
01.B12V8R460G	46	1,960	Bright	sZ	1,944	1,167	SupplierStandard	963
01.G12V8R460G	46	1,960	Galvanized	sZ	1,944	1,167	SupplierStandard	963
01.B12V8R460H	46	2,160	Bright	sZ	2,103	1,167	SupplierStandard	963
01.G12V8R460H	46	2,160	Galvanized	sZ	2,103	1,167	SupplierStandard	963

## Steel Wire Rope verosteel 8

### Technical data

Part code	Rope diameter mm	Tensile strength N/mm <sup>2</sup>	Finish	Rope lay	Min. breaking force kN	Steel area mm <sup>2</sup>	Lubrication	Weight kg/100m
01.B12V8R470G	47	1,960	Bright	sZ	2.029	1,218	SupplierStandard	1,005
01.B12V8R470H	47	2,160	Bright	sZ	2.195	1,218	SupplierStandard	1,005
01.G12V8R470H	47	2,160	Galvanized	sZ	2.195	1,218	SupplierStandard	1,005
01.G12V8R470G	47	1,960	Galvanized	sZ	2,029	1,218	SupplierStandard	1,005
01.B12V8R480G	48	1,960	Bright	sZ	2.116	1,270	SupplierStandard	1,048
01.G12V8R480G	48	1,960	Galvanized	sZ	2.116	1,270	SupplierStandard	1,048
01.B12V8R480H	48	2,160	Bright	sZ	2.289	1,270	SupplierStandard	1,048
01.G12V8R480H	48	2,160	Galvanized	sZ	2.289	1,270	SupplierStandard	1,048
01.B12V8R490G	49	1,960	Bright	sZ	2.205	1,324	SupplierStandard	1,092
01.G12V8R490G	49	1,960	Galvanized	sZ	2.205	1,324	SupplierStandard	1,092
01.B12V8R490H	49	2,160	Bright	sZ	2.386	1,324	SupplierStandard	1,092
01.G12V8R490H	49	2,160	Galvanized	sZ	2.386	1,324	SupplierStandard	1,092
01.B12V8R500G	50	1,960	Bright	sZ	2.296	1,378	SupplierStandard	1,137
01.G12V8R500G	50	1,960	Galvanized	sZ	2.296	1,378	SupplierStandard	1,137
01.B12V8R500H	50	2,160	Bright	sZ	2.484	1,378	SupplierStandard	1,137
01.G12V8R500H	50	2,160	Galvanized	sZ	2.484	1,378	SupplierStandard	1,137