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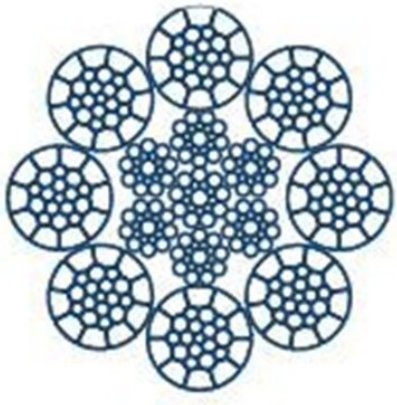
Axel Johnson International

Bridon® Dyform® 8 Steel Wire Rope

Product information



sZ zS zZ sS G

Superior bending fatigue life when compared with other conventional eight strand ropes.
Excellent resistance to crushing and abrasion particularly on multi layer coiling resulting from the Dyform strands.
Reduced elongation results from increased steel content and the Dyform process.
Optional plastic impregnation to further extend fatigue life, improve structural stability and resistance to corrosion.

Standard: EN 12385-4
ISO 4309 Rope Category No: 10-17mm **RCN.04**, 18-34mm **RCN.09**, 36-50mm **RCN.11**

... *Read more*

Features: High breaking force.
Material: High Carbon Steel
Finish: Galvanised or Ungalvanised

Fill factor: 0.68
RCN: 04

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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103101005070089	10	1,960	Bright	sS	88.2	SupplierStandard	45.3
103101004070089	10	1,960	Bright	sZ	88.2	SupplierStandard	45.3
103101003070089	10	1,960	Bright	zS	88.2	SupplierStandard	45.3
103101006070089	10	1,960	Bright	zZ	88.2	SupplierStandard	45.3
103101005270089	10	1,960	Galvanized	sS	88.2	SupplierStandard	45.3
103101004270089	10	1,960	Galvanized	sZ	88.2	SupplierStandard	45.3
103101003270089	10	1,960	Galvanized	zS	88.2	SupplierStandard	45.3
103101006270089	10	1,960	Galvanized	zZ	88.2	SupplierStandard	45.3
103101105070089	11	1,960	Bright	sS	107	SupplierStandard	55.9
103101104070089	11	1,960	Bright	sZ	107	SupplierStandard	55.9
103101103070089	11	1,960	Bright	zS	107	SupplierStandard	55.9
103101106070089	11	1,960	Bright	zZ	107	SupplierStandard	55.9
103101105270089	11	1,960	Galvanized	sS	107	SupplierStandard	55.9
103101104270089	11	1,960	Galvanized	sZ	107	SupplierStandard	55.9
103101103270089	11	1,960	Galvanized	zS	107	SupplierStandard	55.9
103101106270089	11	1,960	Galvanized	zZ	107	SupplierStandard	55.9
103101205070089	12	1,960	Bright	sS	127	SupplierStandard	65.3
103101204070089	12	1,960	Bright	sZ	127	SupplierStandard	65.3
103101203070089	12	1,960	Bright	zS	127	SupplierStandard	65.3
103101206070089	12	1,960	Bright	zZ	127	SupplierStandard	65.3
103101205270089	12	1,960	Galvanized	sS	127	SupplierStandard	65.3
103101204270089	12	1,960	Galvanized	sZ	127	SupplierStandard	65.3
103101203270089	12	1,960	Galvanized	zS	127	SupplierStandard	65.3
103101206270089	12	1,960	Galvanized	zZ	127	SupplierStandard	65.3
103101305070089	13	1,960	Bright	sS	149	SupplierStandard	76.6
103101304070089	13	1,960	Bright	sZ	149	SupplierStandard	76.6
103101303070089	13	1,960	Bright	zS	149	SupplierStandard	76.6
103101306070089	13	1,960	Bright	zZ	149	SupplierStandard	76.6
103101305270089	13	1,960	Galvanized	sS	149	SupplierStandard	76.6
103101304270089	13	1,960	Galvanized	sZ	149	SupplierStandard	76.6
103101303270089	13	1,960	Galvanized	zS	149	SupplierStandard	76.6

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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103101306270089	13	1,960	Galvanized	zZ	149	SupplierStandard	76.6
103101405070089	14	1,960	Bright	sS	173	SupplierStandard	88.8
103101404070089	14	1,960	Bright	sZ	173	SupplierStandard	88.8
103101403070089	14	1,960	Bright	zS	173	SupplierStandard	88.8
103101406070089	14	1,960	Bright	zZ	173	SupplierStandard	88.8
103101405270089	14	1,960	Galvanized	sS	173	SupplierStandard	88.8
103101404270089	14	1,960	Galvanized	sZ	173	SupplierStandard	88.8
103101403270089	14	1,960	Galvanized	zS	173	SupplierStandard	88.8
103101406270089	14	1,960	Galvanized	zZ	173	SupplierStandard	88.8
103101505070089	15	1,960	Bright	sS	198	SupplierStandard	103
103101504070089	15	1,960	Bright	sZ	198	SupplierStandard	103
103101503070089	15	1,960	Bright	zS	198	SupplierStandard	103
103101506070089	15	1,960	Bright	zZ	198	SupplierStandard	103
103101505270089	15	1,960	Galvanized	sS	198	SupplierStandard	103
103101504270089	15	1,960	Galvanized	sZ	198	SupplierStandard	103
103101503270089	15	1,960	Galvanized	zS	198	SupplierStandard	103
103101506270089	15	1,960	Galvanized	zZ	198	SupplierStandard	103
103101605070089	16	1,960	Bright	sS	226	SupplierStandard	116
103101604070089	16	1,960	Bright	sZ	226	SupplierStandard	116
103101603070089	16	1,960	Bright	zS	226	SupplierStandard	116
103101606070089	16	1,960	Bright	zZ	226	SupplierStandard	116
103101605270089	16	1,960	Galvanized	sS	226	SupplierStandard	116
103101604270089	16	1,960	Galvanized	sZ	226	SupplierStandard	116
103101603270089	16	1,960	Galvanized	zS	226	SupplierStandard	116
103101606270089	16	1,960	Galvanized	zZ	226	SupplierStandard	116
103101705070089	17	1,960	Bright	sS	255	SupplierStandard	135
103101704070089	17	1,960	Bright	sZ	255	SupplierStandard	135
103101703070089	17	1,960	Bright	zS	255	SupplierStandard	135
103101706070089	17	1,960	Bright	zZ	255	SupplierStandard	135
103101705270089	17	1,960	Galvanized	sS	255	SupplierStandard	135
103101704270089	17	1,960	Galvanized	sZ	255	SupplierStandard	135

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Bridon® Dyform® 8 Steel Wire Rope

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103101703270089	17	1,960	Galvanized	zS	255	SupplierStandard	135
103101706270089	17	1,960	Galvanized	zZ	255	SupplierStandard	135
103101805070089	18	1,960	Bright	sS	286	SupplierStandard	150
103101804070089	18	1,960	Bright	sZ	286	SupplierStandard	150
103101803070089	18	1,960	Bright	zS	286	SupplierStandard	150
103101806070089	18	1,960	Bright	zZ	286	SupplierStandard	150
103101805270089	18	1,960	Galvanized	sS	286	SupplierStandard	150
103101804270089	18	1,960	Galvanized	sZ	286	SupplierStandard	150
103101803270089	18	1,960	Galvanized	zS	286	SupplierStandard	150
103101806270089	18	1,960	Galvanized	zZ	286	SupplierStandard	150
103101905070089	19	1,960	Bright	sS	318	SupplierStandard	167
103101904070089	19	1,960	Bright	sZ	318	SupplierStandard	167
103101903070089	19	1,960	Bright	zS	318	SupplierStandard	167
103101906070089	19	1,960	Bright	zZ	318	SupplierStandard	167
103101905270089	19	1,960	Galvanized	sS	318	SupplierStandard	167
103101904270089	19	1,960	Galvanized	sZ	318	SupplierStandard	167
103101903270089	19	1,960	Galvanized	zS	318	SupplierStandard	167
103101906270089	19	1,960	Galvanized	zZ	318	SupplierStandard	167
103102005070089	20	1,960	Bright	sS	353	SupplierStandard	184
103102004070089	20	1,960	Bright	sZ	353	SupplierStandard	184
103102003070089	20	1,960	Bright	zS	353	SupplierStandard	184
103102006070089	20	1,960	Bright	zZ	353	SupplierStandard	184
103102005270089	20	1,960	Galvanized	sS	353	SupplierStandard	184
103102004270089	20	1,960	Galvanized	sZ	353	SupplierStandard	184
103102003270089	20	1,960	Galvanized	zS	353	SupplierStandard	184
103102006270089	20	1,960	Galvanized	zZ	353	SupplierStandard	184
103102205070089	22	1,960	Bright	sS	427	SupplierStandard	222
103102204070089	22	1,960	Bright	sZ	427	SupplierStandard	222
103102203070089	22	1,960	Bright	zS	427	SupplierStandard	222
103102206070089	22	1,960	Bright	zZ	427	SupplierStandard	222
103102205270089	22	1,960	Galvanized	sS	427	SupplierStandard	222

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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103102204270089	22	1,960	Galvanized	sZ	427	SupplierStandard	222
103102203270089	22	1,960	Galvanized	zS	427	SupplierStandard	222
103102206270089	22	1,960	Galvanized	zZ	427	SupplierStandard	222
103102405070089	24	1,960	Bright	sS	508	SupplierStandard	265
103102404070089	24	1,960	Bright	sZ	508	SupplierStandard	265
103102403070089	24	1,960	Bright	zS	508	SupplierStandard	265
103102406070089	24	1,960	Bright	zZ	508	SupplierStandard	265
103102405270089	24	1,960	Galvanized	sS	508	SupplierStandard	265
103102404270089	24	1,960	Galvanized	sZ	508	SupplierStandard	265
103102403270089	24	1,960	Galvanized	zS	508	SupplierStandard	265
103102406270089	24	1,960	Galvanized	zZ	508	SupplierStandard	265
103102605070089	26	1,960	Bright	sS	596	SupplierStandard	315
103102604070089	26	1,960	Bright	sZ	596	SupplierStandard	315
103102603070089	26	1,960	Bright	zS	596	SupplierStandard	315
103102606070089	26	1,960	Bright	zZ	596	SupplierStandard	315
103102605270089	26	1,960	Galvanized	sS	596	SupplierStandard	315
103102604270089	26	1,960	Galvanized	sZ	596	SupplierStandard	315
103102603270089	26	1,960	Galvanized	zS	596	SupplierStandard	315
103102606270089	26	1,960	Galvanized	zZ	596	SupplierStandard	315
103102805070089	28	1,960	Bright	sS	691	SupplierStandard	367
103102804070089	28	1,960	Bright	sZ	691	SupplierStandard	367
103102803070089	28	1,960	Bright	zS	691	SupplierStandard	367
103102806070089	28	1,960	Bright	zZ	691	SupplierStandard	367
103102805270089	28	1,960	Galvanized	sS	691	SupplierStandard	367
103102804270089	28	1,960	Galvanized	sZ	691	SupplierStandard	367
103102803270089	28	1,960	Galvanized	zS	691	SupplierStandard	367
103102806270089	28	1,960	Galvanized	zZ	691	SupplierStandard	367
103103005070089	30	1,960	Bright	sS	794	SupplierStandard	425
103103004070089	30	1,960	Bright	sZ	794	SupplierStandard	425
103103003070089	30	1,960	Bright	zS	794	SupplierStandard	425
103103006070089	30	1,960	Bright	zZ	794	SupplierStandard	425

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Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103103005270089	30	1,960	Galvanized	sS	794	SupplierStandard	425
103103004270089	30	1,960	Galvanized	sZ	794	SupplierStandard	425
103103003270089	30	1,960	Galvanized	zS	794	SupplierStandard	425
103103006270089	30	1,960	Galvanized	zZ	794	SupplierStandard	425
103103205070089	32	1,960	Bright	sS	903	SupplierStandard	485
103103204070089	32	1,960	Bright	sZ	903	SupplierStandard	485
103103203070089	32	1,960	Bright	zS	903	SupplierStandard	485
103103206070089	32	1,960	Bright	zZ	903	SupplierStandard	485
103103205270089	32	1,960	Galvanized	sS	903	SupplierStandard	485
103103204270089	32	1,960	Galvanized	sZ	903	SupplierStandard	485
103103203270089	32	1,960	Galvanized	zS	903	SupplierStandard	485
103103206270089	32	1,960	Galvanized	zZ	903	SupplierStandard	485
103103405070089	34	1,960	Bright	sS	1,020	SupplierStandard	543
103103404070089	34	1,960	Bright	sZ	1,020	SupplierStandard	543
103103403070089	34	1,960	Bright	zS	1,020	SupplierStandard	543
103103406070089	34	1,960	Bright	zZ	1,020	SupplierStandard	543
103103405270089	34	1,960	Galvanized	sS	1,020	SupplierStandard	543
103103404270089	34	1,960	Galvanized	sZ	1,020	SupplierStandard	543
103103403270089	34	1,960	Galvanized	zS	1,020	SupplierStandard	543
103103406270089	34	1,960	Galvanized	zZ	1,020	SupplierStandard	543
103103605070089	36	1,960	Bright	sS	1,143	SupplierStandard	606
103103604070089	36	1,960	Bright	sZ	1,143	SupplierStandard	606
103103603070089	36	1,960	Bright	zS	1,143	SupplierStandard	606
103103606070089	36	1,960	Bright	zZ	1,143	SupplierStandard	606
103103605270089	36	1,960	Galvanized	sS	1,143	SupplierStandard	606
103103604270089	36	1,960	Galvanized	sZ	1,143	SupplierStandard	606
103103603270089	36	1,960	Galvanized	zS	1,143	SupplierStandard	606
103103606270089	36	1,960	Galvanized	zZ	1,143	SupplierStandard	606
103103805070089	38	1,960	Bright	sS	1,274	SupplierStandard	678
103103804070089	38	1,960	Bright	sZ	1,274	SupplierStandard	678
103103803070089	38	1,960	Bright	zS	1,274	SupplierStandard	678

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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103103806070089	38	1,960	Bright	zZ	1,274	SupplierStandard	678
103103805270089	38	1,960	Galvanized	sS	1,274	SupplierStandard	678
103103804270089	38	1,960	Galvanized	sZ	1,274	SupplierStandard	678
103103803270089	38	1,960	Galvanized	zS	1,274	SupplierStandard	678
103103806270089	38	1,960	Galvanized	zZ	1,274	SupplierStandard	678
103104005070089	40	1,960	Bright	sS	1,411	SupplierStandard	755
103104004070089	40	1,960	Bright	sZ	1,411	SupplierStandard	755
103104003070089	40	1,960	Bright	zS	1,411	SupplierStandard	755
103104006070089	40	1,960	Bright	zZ	1,411	SupplierStandard	755
103104005270089	40	1,960	Galvanized	sS	1,411	SupplierStandard	755
103104004270089	40	1,960	Galvanized	sZ	1,411	SupplierStandard	755
103104003270089	40	1,960	Galvanized	zS	1,411	SupplierStandard	755
103104006270089	40	1,960	Galvanized	zZ	1,411	SupplierStandard	755
103104205070089	42	1,960	Bright	sS	1,556	SupplierStandard	842
103104204070089	42	1,960	Bright	sZ	1,556	SupplierStandard	842
103104203070089	42	1,960	Bright	zS	1,556	SupplierStandard	842
103104206070089	42	1,960	Bright	zZ	1,556	SupplierStandard	842
103104205270089	42	1,960	Galvanized	sS	1,556	SupplierStandard	842
103104204270089	42	1,960	Galvanized	sZ	1,556	SupplierStandard	842
103104203270089	42	1,960	Galvanized	zS	1,556	SupplierStandard	842
103104206270089	42	1,960	Galvanized	zZ	1,556	SupplierStandard	842
103104405070089	44	1,960	Bright	sS	1,708	SupplierStandard	925
103104404070089	44	1,960	Bright	sZ	1,708	SupplierStandard	925
103104403070089	44	1,960	Bright	zS	1,708	SupplierStandard	925
103104406070089	44	1,960	Bright	zZ	1,708	SupplierStandard	925
103104405270089	44	1,960	Galvanized	sS	1,708	SupplierStandard	925
103104404270089	44	1,960	Galvanized	sZ	1,708	SupplierStandard	925
103104403270089	44	1,960	Galvanized	zS	1,708	SupplierStandard	925
103104406270089	44	1,960	Galvanized	zZ	1,708	SupplierStandard	925
103104605070089	46	1,960	Bright	sS	1,866	SupplierStandard	1,010
103104604070089	46	1,960	Bright	sZ	1,866	SupplierStandard	1,010

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Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103104603070089	46	1,960	Bright	zS	1,866	SupplierStandard	1,010
103104606070089	46	1,960	Bright	zZ	1,866	SupplierStandard	1,010
103104605270089	46	1,960	Galvanized	sS	1,866	SupplierStandard	1,010
103104604270089	46	1,960	Galvanized	sZ	1,866	SupplierStandard	1,010
103104603270089	46	1,960	Galvanized	zS	1,866	SupplierStandard	1,010
103104606270089	46	1,960	Galvanized	zZ	1,866	SupplierStandard	1,010
103104805070089	48	1,960	Bright	sS	2,032	SupplierStandard	1,110
103104804070089	48	1,960	Bright	sZ	2,032	SupplierStandard	1,110
103104803070089	48	1,960	Bright	zS	2,032	SupplierStandard	1,110
103104806070089	48	1,960	Bright	zZ	2,032	SupplierStandard	1,110
103104805270089	48	1,960	Galvanized	sS	2,032	SupplierStandard	1,110
103104804270089	48	1,960	Galvanized	sZ	2,032	SupplierStandard	1,110
103104803270089	48	1,960	Galvanized	zS	2,032	SupplierStandard	1,110
103104806270089	48	1,960	Galvanized	zZ	2,032	SupplierStandard	1,110
103105005070089	50	1,960	Bright	sS	2,205	SupplierStandard	1,200
103105004070089	50	1,960	Bright	sZ	2,205	SupplierStandard	1,200
103105003070089	50	1,960	Bright	zS	2,205	SupplierStandard	1,200
103105006070089	50	1,960	Bright	zZ	2,205	SupplierStandard	1,200
103105005270089	50	1,960	Galvanized	sS	2,205	SupplierStandard	1,200
103105004270089	50	1,960	Galvanized	sZ	2,205	SupplierStandard	1,200
103105003270089	50	1,960	Galvanized	zS	2,205	SupplierStandard	1,200
103105006270089	50	1,960	Galvanized	zZ	2,205	SupplierStandard	1,200

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