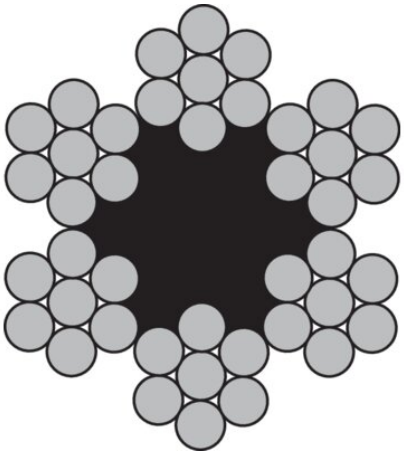
Lifting Solutions Group
Axel Johnson International

Steel Wire Rope 6x7-FC

Product information



General use

Stay rope

Agriculture and livestock

6x7-FC is a steel wire rope for general purposes like hanging signs, small stays and in agriculture, but not for lifting. The rope is equipped with a Fibre Core (FC)
... *Read more*

Rope construction: 6x7-FC
Marking: According to standard
Temperature range: -40°C up to +100°C
Standard: EN 12385-4

Fill factor: 0,47

Traction Levage
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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
101100204250140	2	1,770	Galvanized	sZ	2.35	1.48	Dry	1.38
101100204270140	2	1,960	Galvanized	sZ	2.6	1.48	Dry	1.4
101100254250140	2.5	1,770	Galvanized	sZ	3.67	2.31	Dry	2.16
101100254270140	2.5	1,960	Galvanized	sZ	4.07	2.31	Dry	2.16
101100304270140	3	1,960	Galvanized	sZ	5.86	3.32	Dry	3.1
101100304250140	3	1,770	Galvanized	sZ	5.29	3.32	Dry	3.11
101100404270140	4	1,960	Galvanized	sZ	10.4	5.9	Dry	5.5
101100404250140	4	1,770	Galvanized	sZ	9.4	5.9	Dry	5.52
101100504270140	5	1,960	Galvanized	sZ	16.3	9.23	Dry	8.6
101100504250140	5	1,770	Galvanized	sZ	14.7	9.23	Dry	8.63
101100604270140	6	1,960	Galvanized	sZ	23.4	13.3	Dry	12
101100604250140	6	1,770	Galvanized	sZ	21.2	13.3	Dry	12.4
101100704250140	7	1,770	Galvanized	sZ	28.8	18.1	Dry	16.9
101100704270140	7	1,960	Galvanized	sZ	31.9	18.1	Dry	16.9
101100804270140	8	1,960	Galvanized	sZ	41.6	23.6	Dry	22
101100804250140	8	1,770	Galvanized	sZ	37.6	23.6	Dry	22.1
101100904250140	9	1,770	Galvanized	sZ	47.6	29.9	Dry	27.9
101100904270140	9	1,960	Galvanized	sZ	52.7	29.9	Dry	27.9
101101004250140	10	1,770	Galvanized	sZ	58.8	36.9	Dry	34.5
101101004270140	10	1,960	Galvanized	sZ	65.1	36.9	Dry	35
101101104250140	11	1,770	Galvanized	sZ	71.1	44.6	Dry	41.7
101101104270140	11	1,960	Galvanized	sZ	78.7	44.6	Dry	41.7
101101204250140	12	1,770	Galvanized	sZ	84.6	53.1	Dry	49.7
101101204270140	12	1,960	Galvanized	sZ	93.7	53.1	Dry	50
101101304250140	13	1,770	Galvanized	sZ	99.3	62.4	Dry	58.3
101101304270140	13	1,960	Galvanized	sZ	110	62.4	Dry	58.3
101101404250140	14	1,770	Galvanized	sZ	115	72.3	Dry	67.6
101101404270140	14	1,960	Galvanized	sZ	128	72.3	Dry	67.6
101101504250140	15	1,770	Galvanized	sZ	132	83	Dry	77.6
101101504270140	15	1,960	Galvanized	sZ	146	83	Dry	77.6
101101604250140	16	1,770	Galvanized	sZ	150	94.5	Dry	88.3

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101101604270140	16	1,960	Galvanized	sZ	167	94.5	Dry	88.3
101101804250140	18	1,770	Galvanized	sZ	190	120	Dry	112
101101804270140	18	1,960	Galvanized	sZ	211	120	Dry	112
101102004250140	20	1,770	Galvanized	sZ	235	148	Dry	138
101102004270140	20	1,960	Galvanized	sZ	260	148	Dry	138

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