

**Steel wire ropes for general purpose use**

Sort of ropes	Construction	Standard	Scope of diameters mm	Purpose use
1	2	3	4	6
Standard wire ropes – made with fibre core FC organic core – A /NFC inorganic core – A /SFC steel core – A or metal core – A A or A – WC WC-WSC or 1WRC	1x7	Standard DIN 3052	1,5 : 10,0	
	T 1x19	Standard DIN 3053	2,5 : 16,0	
	T 1x37	Standard DIN 3054	3,5 : 26,0	
	ST 6x61	Standard	4,5 : 32,0	
	6x7	Standard DIN 3055	10,0 : 30,0	Mining devices (equipment) –guide
	T 6x19	Standard DIN 3060	10,0 : 52,0	hoisting crane devices (hosting winches and windlasses), ski lifts
	T 6x37	Standard DIN 3066	10,0 : 64,0	
	T 6x24+7A	Standard DIN 3068	10,0 : 56,0	Shipyard industry – towing and mooring ropes
	T 6x30+7A	Standard	14,0 : 63,0	
	T 6x45+7A	Standard	40,0 : 70,0	
	6x6x7-7A	Standard	12,0 : 45,0	
	T 6x6x19+7A	Standard	12,0 : 45,0	
	T 6x6x37+7A	Standard	42,0 : 70,0	hoisting crane devices (lifts, windlasses etc.), building devices (equipment) –
	S 6 x 19	Standard DIN 3058	10,0 : 36,0	
	S 8x19	Standard DIN 3062	10,0 : 40,0	hoisting crane devices transport devices
	ST 6x27	Standard	24,0 : 26,0	
	ST 6x31	Standard	10,0 : 40,0	
	ST 6x37	Standard	14,0 : 36,0	
	W 6x19	Standard DIN 3059	10,0 : 36,0	
	WS 6x31	Standard	12,0 : 50,0	hoisting crane devices (overhead cranes, jib cranes), cable railways, mining hoisting devices, for making rope lifting slings
	WS 6x36	Standard DIN 3064	12,0 : 56,0	
	F 6x25	Standard DIN 3057	16,0 : 40,0	Hoisting crane devices (hoisting winches and windlasses etc.)
	F 8x25	Standard DIN 3061	16,0 : 52,0	

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Double - layer rotation-resistant ropes	17x7	Standard the technical	16,0 : 41,0	hoisting crane devices (hoisting winches, cranes)
	18x7	Standard DIN 3069	10,0 : 32,0	
	T 6x19+12x7	Standard the technical	16,0 : 28,0	
	W 18x19	the technical conditions	21,0 : 38,5	
Three-layer rotation-resistant ropes	34x7	the technical conditions	22,0 : 48,0	hoisting crane devices (cranes, jib cranes)
	35x7	the technical conditions	16,0 : 40,0	
Multi wire cores for electric power conduits	1x7	Standard - European Standard Standard-IEC	5,85 : 10,5	In conduits for aerial lines as load cores
	1x19		9,75 : 17,5	