



Shagang steel wire rods product

Serial	Represent grade	Standard name		Dia., mm	Standard serial number
Wire rod for prestressed steel wire and strand	SWRH72B、SWRH77B、SWRH82B、SWRH77BCr、SWRH82BCr	Hot-rolled high carbon steel wire rods(Amendment)		5.5~13	Q/320582 SGY301-2016(Amendment)
	YL72A/B、YL77A/B、YL82A/B、YL87A/B	Hot-rolled wire rod for prestressed steel wire and strand			GB/T 24238-2017
	SWRH72B、SWRH77B、SWRH82B	High carbon steel wire rods			JIS G3506:2017
	SWRS82B、SWRS82BCr	Hot-rolled wire rod for galvanize zinc prestressed steel wire and strand		11~13	Q/320582 SGY309-2016
	SWRS82B	Piano wire rods			JIS G3502:2013
	QS77Mn、QS82Mn(A)、QS82Mn(B)	Hot-rolled wire rod for bridge cable		10.5~15	YB/T 4264-2011
High carbon steel wire rods	SWRH37、SWRH42A~SWRH82A、SWRH42B~SWRH67B、72B-1 etc	Hot-rolled high carbon steel wire rods(Amendment)		5~20	Q/320582 SGY301-2016(Amendment)
	SWRH37、SWRH42A~SWRH82A、SWRH42B~SWRH67B	High carbon steel wire rods			JIS G3506:2017
Wire rods for steel cord tyre bead and hose	SGLX72A、SGLX82A etc	Hot-rolled wire rod for rubber frame wire(Amendment)		5~10	Q/320582 SGY306-2014(Amendment)
	C70DA、C72DA、C80DA、C82DA etc				
Non-alloy steel wire rod for conversion to wire	C4D~C38D、C42DA~C92DA、C42DB~C92DB、C2D1、C3D1、C4D1、C3D2~C40D2、C42D2A~C98D2A、C42D2B~C98D2B	Non-alloy steel wire rod for conversion to wire	Part 1: General requirements	5.5~32	GB/T 24242.1-2009
			Part 2: Specific requirements for general purpose wire rod		GB/T 24242.2-2009
			Part 3: Specific requirements for rimmed and rimmed substitute low carbon steel wire rod		GB/T 24242.4-2014
			Part 4: Specific requirements for wire rod for special application		GB/T 24242.4-2014
	C5D2、C8D2、C10D2、C12D2、C15D2、C18D2、C20D2	Non-alloy steel wire rod for conversion to wire Part 4: Specific requirements for wire rod for special application	5.5~32	MS ISO 16120-4:2008	
	C26D2、C32D2~C70D2		5.5~12	MS ISO 16120-4:2008	
	C72D2、C76D2、C78D2、C80D2、C82D2		5.5~10		



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Quality carbon steel wire rods		10、40、45、50、55、60、65、70、80	Hot-rolled quality carbon steel wire rods	5.5~32	GB/T 4354-2008
			Hot-rolled quality carbon steel		GB/T 699-2015
		SAE1005~SAE1080、10B08、10B21	General requirement for wire rods and coarse round wire carbon steel and alloy steel		ASTM A510/A510M-13
Wire rods for prestressing steel bars of concrete		30MnSi、30Si2Mn	Hot-rolled wire rods for prestressing steel bars of concrete	5.5~14	Q/320582 SGY311-2016
		30MnSi、30Si2Mn、35Si2Mn、40Si2Mn	Hot-rolled wire rods for prestressing steel bars of concrete		GB/T 24587-2009
Wire rods for cold heading	Wire rods for cold heading for automobile	10B21	10B21 Hot-rolled wire rods technic agreement	5.5~34	SGJX-X061-2014
		SWRCH35K	SWRCH35K Hot-rolled wire rods technic agreement	5.5~34	SGJX-X062-2014
		ML40Cr	ML40Cr Hot-rolled wire rods technic agreement	5.5~34	SGJX-X063-2014
		SWRCH15A	SWRCH15A Hot-rolled wire rods technic agreement	5.5~34	SGJX-X064-2014
		SWRCH22A	SWRCH22A Hot-rolled wire rods technic agreement	5.5~34	SGJX-X065-2014
		SCr440	SCr440 Hot-rolled wire rods technic agreement	5.5~34	SGJX-X066-2014
	Other wire rods for cold heading	SWRCH8A~SWRCH22A、SWRCH35K~SWRCH40K、ML08Al、ML40Cr etc	Hot-rolled wire rods for cold heading	5.5~38	Q/320582 SGY303-2017
		SG195、SG215、SG235、SG1008、SAE1006B~SAE1022B	Hot-rolled wire rods low carbon steel for cold heading	16~34	Q/320582 SGY302-2017
		ML20MnTiB、10B08、10B21、10B21Cr、51B20	Hot-rolled wire rods boron steel for cold heading	5.5~34	Q/320582 SGY304-2017
		SWRCH6A~SWRCH22A、SWRCH10K~SWRCH50K	Carbon steels for cold heading—Part 1: Wire rods	5.5~38	JIS G3507-1:2010(R2015)
		ML08Al、ML20MnTiB、ML40Cr etc	Hot-rolled wire rods for cold heading		GB/T 28906-2012
		ML08Al、ML20MnTiB、ML40Cr、ML35 etc	Hot-rolled wire rods for cold heading		GB/T 6478-2015



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Wire rod for spring steel wires	Important requirement (for automobile)	60Si2Mn、55SiCr	Hot-rolled wire rod for important spring steel wires	5.5~20	Q/320582 SGY308-2016
	Common requirement	65Mn、50CrVA	Spring steel	5.5~25	GB/T 1222-2016
		70Mn	Hot-rolled wire rod for quenched and tempered spring steel wires	5.5~20	GB/T 33954-2017
		TH82B	TH82B Hot-rolled wire rod for spring steel wires	5.5~25	Q/320582 SGY313-2016
Wire rod for welding		ER70S-3、ER70S-6、H08A、H08Mn、H10Mn2	Hot-rolled wire rod for gas shielded arc welding	5.5、6.5	Q/320582 SGY307-2016
		H08A 、 H08Mn2SiA 、 H08CrMoVA 、 H08MnMoA	Wire rod for welding	5.5~8	GB/T 3429-2015
Wire rod for steel wool		SGM	Wire rod for steel wool	6.5	Q/320582 SGY310-2016
Low carbon steel wire rod		Q195、Q215、Q235、Q275	Low carbon steel wire rod	5.5~20	GB/T 701-2008
		SWRM6、SWRM8、SWRM10~SWRM22	Low carbon steel wire rod	5.5~32	JIS G3505:2017
		SAE1006~SAE1030、SAE1006-B~SAE1030-B、SAE1006Cr~SAE1030Cr etc	Low carbon steel wire rod	5~32	Q/320582 SGY305-2017
Alloy structure steel		30CrMnTi、40Cr、35CrMo etc	Alloy structure steel	5.5~32	GB/T 3077-2015
Free-cutting structure steel		Y08、Y12、Y15、Y40Mn etc	Free-cutting structure steel	5.5~32	GB/T 8731-2008
		1215	Steel bars carbon and alloy hot-wrought		ASTM A29/A29M-12e1
High-carbon chromium bearing steel		GCr4、GCr15、GCr15SiMn、GCr15SiMo	High-carbon chromium bearing steel	5.5~16	GB/T 18254-2016
Bloom product		SGLX72A、SGLX82A、SGLX87A、SGLX92A	Hot-rolled wire rods for steel cord	5、5.5	Q/320582 SGY501-2017
		55SiCr	Hot-rolled wire rods for spring wire for automobile	5.5~20	Q/320582 SGY502-2017



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Bloom product	ML20Cr、ML40Cr、SCM435、SWRCH10A、10B21	Hot-rolled wire rods for cold-heading for automobile	5.5~40	Q/320582 SGY503-2017
	SWRS82B-T	Hot-rolled wire rod for bridge cable	5.5~40	Q/320582 SGY504-2017
	ER70S-G	Hot-rolled wire rod for gas shielded arc welding	5.5、6.5	Q/320582 SGY505-2017