MISCELLANEOUS

Cast washers (TU U 30.2-14367980-023)

Marking		Project No.	The name of the parameter or dimension						
			Size for the rail, mm	Overall dimensions, mm					Weight, kg
				Thickness of the supporting mass	Width	Length	Grade	Height of the flange	
1		2	3	4	5	6	7	8	9
For rail type R65	КБЛ65	Dn 392	150^{+2}_{0}	15±1	140±2	370±2	-	32±1	6,4
	1КБЛ65	Dn 392-01			140^{+2}_{-4}	370±2		32^{+3}_{-1}	6,65
	2КБЛ65	Dn 554.02	156^{+2}_{0}		140±2	370±2		32±1	6,3
	КДЛ65	Dn 429	151^{+2}_{0}	16^{+1}_{0} /23,6*	165±2	370±2	1:20	32±1	9,0
	3КДЛ65	Dn 561.01	157^{+2}_{0}	16^{+1}_{0} /23,6*	180±2	490±2			12,5
	4КДЛ65	Dn 561.01-02	159^{+2}_{0}	16^{+1}_{0} /23,9*	190±2	590±2			15,5
	СКЛ65	Dn 436	150^{+2}_{0}	15^{+2}_{0}	165±2	370±2	–	32±1	7,6
	ДЛ65	Dn 437		$16^{+1,5}_{0}$ /23,6*	170±3	360±3	1:20	9*	6,9
	СДЛ65	Dn 438		20^{+1}_{0}		330±3	–	9*	6,5
	ДНЛ65	Dn 439		16^{+1}_{0} /23,6*		380±3	1:20	9*	7,8
	КШЛ65	Dn 183	150^{+2}_{0}	15±1	140±2	370*	–	32±1	6,8
For rail type R50	КБЛ50	Dn 502	133^{+2}_{0}	15±1	140±2	370±2	–	32±1	6,3
	2КБЛ-50	Dn 982.01	138^{+2}_{0}						
	КДЛ50	Dn 696	133^{+2}_{0}	16^{+1}_{0} /22,6*	165±2		1:20		8,7
	СКЛ50	Dn 503		15^{+2}_{0}	165±2		–		7,7
	1СКЛ50	Dn 503-01 (drilling holes)							
	СДЛ50	Dn 504		20^{+1}_{0}	170±3	310±3		9*	6,1
	СРМ50	Dn 937.01	134^{+1}_{0}	15,5±1,1 /21,5±1,2	160±2	310±2	1:20	24±0,5	8,8
	ДЛ50	Dn 954	133^{+2}_{0}	$15,5^{+1,5}_{0}$ /22,2*	170±3	310±3		9*	5,9
	КШЛ50	Dn 184	133^{+2}_{0}	15±1	140±2	370*	–	32±1	6,8
For rail type 60E1	СКЛ60Е1	Dn 703	150^{+2}_{0}	16±1	160±2	370±3	–	25±1	8,2
	1СКЛ60Е1	Dn 777		20±1					9,8
	2СКЛ60Е1	Dn 974	151^{+2}_{0}			370±2		25^{+2}	9,8
	КДЛ60Е1	Dn 681	151^{+1}_{0}	22,4* (along the rail profile axis)			1:20	$25^{+1}_{-0,5}$	10,0
	1КДЛ60Е1	Dn 817	151^{+1}_{0}	20,8* (along the rail profile axis)			1:27		8,9

	2КДЛ60Е1	Dn 818		19,3* (along the rail profile axis)			1:40	$25^{+1}_{-0,5}$	8,5
	3КДЛ60Е1	Dn 819		17,6* (along the rail profile axis)			1:80		8,0
	4КДЛ60Е1	Dn 849	151^{+2}_{0}	22,5* (along the rail profile axis)			1:20	25^{+2}	10
	КШЛ60R1	Dn 268	183^{+1}	15±1	145±1	400±2	–	25^{+1}	7,74
For rail	СКЛ49Е1	Dn 676	126^{+2}_{0}	14±1	160±2	345±3	–	25±1	6,8
type 49Е1	S4- S49	Dn 786		18,8* (along the rail profile	150±2	372±3	1:20	25^{+2}	8,1
For rail type R43	1СДЛ43	Dn 813	116±1	16^{+1}_{0}		260±3	–	9*	4,1
	ДЛ43	Dn 838		15^{+1}_{0} /20,8*	160±2	290±3	1:20	9*	5,4
For various types of rail	KS-180	Dn 747	175±2,2	16	180±3	290±3	–	7,5*	6,3
	СДЛ 33	Dn 140.00.003	111^{+2}_{0}	16±1	150±3	183±3	–	6*	2,96
	ДЛ 33	Dn 189	108,5	17,4/12	150±3	185±3	1:20	6*	2,7
	ДЛ 24	Dn 134	108,5	17,4/12	100±3	185±3	1:20	6*	1,8

Frogs

Project No.	Name	Direction	Grade	R, m	Component unit		Cast part		Weight, kg (total/ cast parts)
					Length, mm	Front part/rear part, mm	Length, mm	Front part/rear part, mm	
Dn 127.100	Frog type 60E1 model 1/9 R300 m with welded RS	-	-	300	10164	3606/6558	4872/4761	1710/3162 1709/3052	1213/780
Dn 127.200	Frog type 60E1 model 1/9 R300 m with welded RS	-	-	300	9565	5677/3888	4395/4121	1660/2735 1385/2736	1136/749
Dn 152.100	Frog type 60E1 400/0.074 R300 m with welded RS	-	-	-	8970	4305/4665	5360	1860/3500	1368,4/927
Dn 287.100	Frog type 49E1 model 2/7 with welded RS	-	-	-	5020	2342,5/2677,5	1880	640/1240	611/300
Dn 287.200	Obtuse crossing type 49E1 model 2/7 with welded RS	-	-	-	5565	2782,5/2782,5	2690	1345/1345	761/475
Dn 288.100	Frog type 49E1 model 1/7 with welded RS	-	-	-	5969	2989/2980	3162	1112/2050	755/450
Dn 678.000	Frog type 49E1 model 1/6 with welded RS on baseplates	-	-	-	6724	4531,5/2192,5	2789	967,6/1818	990/445
Dn 679.000	Frog type 49E1 model 1/9 radius R300 with welded RS on baseplates	right	-	300	10306 / 10304	5450/4856 5447/4857	4410	1610/2800 1609/2799	1910/960
Dn 679.000-01		left							
Dn 679.100-04	Frog type 49E1 model 1/9 radius R300 with welded RS	right	-		10514/10512	5528/4987 5525/4986			1570/960
Dn 679.100-05		left							
Dn 759.100; (-01)	Frog type 49E1 model 1/7 R190 with welded RS		-	190	6545	2892/3653	3700	1250/2450	930/650
Dn 764.000	Frog type 60E1 model 1/9 radius R300 with welded RS on plates	right	-	300	10304	5447/4857	4410	1610/2800	2043/920
Dn 764.000-01		left							
Dn 846.100	Obtuse crossing type 60E1 model 1/9 with welded RS	-	-	-	19669	10563/9106 9106/10563	3792	1894/1898	2716/634
Dn 865.100	Frog type 49E1 model 1/9 with welded RS	-	--	-	6094	2434/3660	3985	1395/2590	810/590
Dn 865.100-01		-		-	5966	2432/3534			798/590
Dn 866.100	Frog type 49E1 model 1/9 with welded RS	-	-	-	6830	2182/4648	3985	1395/2590	885/590
Dn 867.100	Obtuse crossing type 49E1 model 1/9 with welded RS	-	-	-	4865	2435/2430 2430/2435	3955	1975/1980 1980/1975	812/720
Dn 868.100	Obtuse crossing type 49E1 model 2/9 with welded RS	-	-	-	5420	2714/2706 2706/2714	3818	1913/1905 1905/1913	920/729
Dn 869.100	Frog type 49E1 model 1/9 with welded RS	-	-	-	6804	2182/4622	3985	1395/2590	880/590
Dn 870.000	Diamond switch type 49E1 model 2/9 R300 with guard rails	-	-	300	10352	3937/6415	2500	800/1700	1595/410
Dn 871.100	Diamond switch type 49E1 model 2/9 R300 right with welded RS	right	-	300	10353	3871/6482 3871/2977	3500	800/2700	1225/720
Dn 876.100	Obtuse crossing type 60E1 model 2/9 with welded RS	-	-	-	5392	2700/2692 2692/2700	3647	1827,5/1819,5	985/770
Dn 876.200	Frog type 60E1 model 2/9 with welded RS	-	--	-	7229	3389/3840	3500	1950/1550	1170/720
Dn 876.200-01		-		-	7480	3640/3840			1200/720

Project No.	Name	Direction	Grade	R, m	Component unit		Cast part		Weight, kg (total/ cast parts)
					Length, mm	Front part/rear part, mm	Length, mm	Front part/rear part, mm	
Dn 877.100	Frog type 60E1 model 1/7 R190 with welded RS	right	--	190	6545	2893/3652	3870	1320/2550	1053/727
Dn 877.100-01		left				2891/3654			
Dn 911.000	Frog type 60E1 model 1/9 R300 with welded RS	right	--	300	8997	5110/3887	4200	1465/2735	1340/750
Dn 911.000-01		left			8995	5107/3888			
Dn 951.000	Frog type 49E1 model 1/7 R150 with welded RS	right	--	150	6720	3124/3596	3335	1300/2035	850/505
Dn 951.000-01		left			6718	3122/3596			
Dn 978.101*	Tram frog with an angle of 11° (analog LG-1)	-	-	-	-	-	2790	1340/1450	390
Dn 983*	Frog type 54E1 model 1/10	-		-	-	-	5672	2500/3422	1250
04.1926Dn.000*	Frog type 54E4 model 1/9	-		-	6040	2514/3526			
04.2147Dn.000	Frog type 49E1 model 1/9	-	-	-	6040	2514/3526	FORGING		768
04.2405Dn.000	Frog type 49E model 1/9	right	--	190,717	7292	3036/4256	FORGING		876
04.2405Dn.000-01		left							
TA.03012Dn.03.100	Frog type 54E1 model 1/9 R190 with welded RS	right	-	190	7999	4343,3/3658	3650	1400/2250	1135/670
TA.03012Dn.03.100-01		left				4341/3658			
TA.03013Dn.03.100	Frog type 54E1 model 1/9 R300 with welded RS	right		300	8087	4202/3885	4105	1470/2635	1145/705
TA.03013Dn.03.100-01		left			8095	4210/3885			
TA.04217.03.C.0 Dn.01	Frog type 60E1 model 1/9 R190 with welded RS	right	1:20	190	8002	4344/3658	4233	1500/2733	1312/851
TA.04217.03.C.0 Dn.02		left			7999	4341/3658			
TA.04218Dn.03.100*	Frog type 60E1 model 1/9 R300 with welded RS	right	1:20	300	8087 8094	4202/3885 4209/3885	4255	1470/2785	1270/805
TA.04218Dn.03.100-01*		left			8094 8087	4209/3885 4202/3885			
TA.04458.03.0.2Dn.01	Frog type 60E1 model 1/7 R190 with welded RS	right	1:20	190	7867	4217,9/3652	3575	1475/2100	1180/680
TA.04458.03.0.2Dn.02		left				4215/3652			
TA.04890Dn.03.100	Frog type 54E1 model 1/9 R190 with welded RS	-	1:20	190	6742	2501/4241	4200	1502700	1060/750
TA.04904Dn.03.100	Frog type 54E1 model 1/7 R190 with welded RS	right	1:20	190	7866,7	4214,7/3652	3575	1475/2100	1105/635
TA.04904Dn.03.100-01		left							
TA.04905Dn.03.100	Frog type 54E1 model 1/9 R190 with welded RS	right	1:20	190	7999	4341/3658	4200	1502700	1180/750
TA.04905Dn.03.100-01		left			8001	4343/3658			
TA.04906Dn.03.100	Frog type 54E1 model 1/9 R300 with welded RS	right	1:20	300	8087	4202/3885	4105	1470/2635	1185/735
TA.04906Dn.03.100-01		left			8094	4209/3885			
TA.05461Dn.03.100	Frog type 54E1 model 1/9 R300 with	right	1:20	300	7692	3808/3884	4105	1470/2635	1131/735
TA.05461Dn.03.100-01	welded RS	left							

HEADSET (ТУ У 30.2-14367980-007)

№	Headset project no	Name	Instructions and names of the turnout project.	Weight, kg.	Note
1	2	3	4	5	6
Group I - Equipment without additional switching devices for switches (with curved switch rail)					
1.	16737-00-00 or 16737Dn.00.000; (-01)	Electric switch mechanism equipment type SP-6 for switch R65, 1/11 - 1/9 track gauge 1520 mm	2764; 2766; 2433; 2434 Turnouts of type R65 with a 1/11 and 1/9 grade for a 1520 mm gauge	176	
2.	16738-00-00 or 16738Dn.00.000	Electric switch mechanism equipment type SP-6 for switch R50, 1/11 - 1/9 track gauge 1520 mm	2497; 2498 Turnouts of type R50 with a 1/11 and 1/9 grade for a 1520 mm gauge	171	
3.	16743-00-00 or 16743Dn.00.000	Electric switch mechanism equipment type SP-6 for symmetrical switch R65, 1/6 track gauge 1520 mm	2307 Symmetrical turnout of type R65 with a 1/6 grade for a 1520 mm gauge for hump and arrival-departure tracks	160	
4.	16754-00-00 or 16754Dn.00.000	Electric switch mechanism equipment type SP-6 for switch R50, 1/9 track gauge 1520 mm (metro)	2891Dn Turnout of type R50 with a 1/9 grade for a 1520 mm gauge	130	
5.	16755-00-00 or 16755Dn.00.000	Electric switch mechanism equipment type SP-6 for symmetrical switch R50, 1/6 track gauge 1520 mm	1581 Symmetrical turnout of type R50 with a 1/6 grade for a 1520 mm gauge for hump tracks	160	
6.	16759-00-00 or 16759Dn.00.000	Electric switch mechanism equipment type SP-6 for switch R50, 1/5 track gauge 1520 mm (metro)	1909Dn Turnout of type R50 with a 1/5 grade for a 1524 mm gauge	160	
7.	16760-00-00; or 16760Dn.00.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/9 track gauge 1520 mm (metro)	2976Dn Turnout of type R65 with a 1/9 grade for a 1520 mm gauge	132	
8.	16762-00-00 or 16762Dn.00.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/11 - 1/9 track gauge 1520 mm on concrete sleepers	2768; 2769; M1740; 1740Dn; M2215; 2215Dn; Dn 290 Turnouts of type R65 with a 1/11 and 1/9 grade for a 1520 mm gauge for laying on concrete sleepers	177	
9.	16764-00-00 or 16764Dn.00.000	Electric switch mechanism equipment type SP-6 for switch R50, 1/11 - 1/9 track gauge 1435 mm	2409Dn; 2411Dn Turnouts of type R50 with a 1/11 and 1/9 grade for a 1435 mm gauge on screw fastening	170	
10.	16873-00-00 or 16873Dn.00.000	Electric switch mechanism equipment type SP-6 for symmetrical switch R65, 1/6 track gauge 1520 mm for laying on concrete sleepers	2628 Symmetrical turnout of type R65 with a 1/6 grade for a 1520 mm gauge for hump tracks for laying on concrete sleepers	160	
11.	1740Dn.30.000	Manual switching mechanism equipment for switch R65, 1/11 - 1/9 track gauge 1520 mm for laying on concrete sleepers	1740Dn; 2215Dn Turnouts of type R65 with a 1/11 and 1/9 grade for a 1520 mm gauge for laying on concrete sleepers	237	
12.	2063Dn.20.000	Electric switch mechanism equipment type SP-6 for symmetrical switch R50, 1/11 - 1/9 track gauge 1520 mm	2063Dn; 2064Dn Symmetrical turnouts of type R50 with a 1/11 and 1/9 grade for a 1520 mm gauge	149	
13.	2745Dn.20.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/11 track gauge 1435 mm	2745Dn-02; (-03) Turnout of type R65 with a 1/11 grade for a 1435 mm gauge		

14.	2769.30.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/9 track gauge 1520 mm for laying on concrete sleepers (port)	2769 Turnout of type R65 with a 1/9 grade for a 1520 mm gauge for laying on concrete sleepers	133	
15.	Dn 445.03.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/7 track gauge 1435 mm	Dn 445 Turnout of type R65 with a 1/7 grade for a 1435 mm gauge	162	
16.	Dn 520.03.000	Manual switching mechanism equipment for switch R65, 1/9 track gauge 1524 mm for laying on concrete sleepers	Dn 520; (-01) Turnout of type R65 with a 1/9 grade for a 1524 mm gauge for laying on concrete sleepers	238	
17.	Dn 520.04.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/9 track gauge 1524 mm for laying on concrete sleepers	Dn 520-02; (-03) Turnout of type R65 with a 1/9 grade for a 1524 mm gauge for laying on concrete sleepers	167	
18.	Dn 550.03.000	Electric switch mechanism equipment type SP-6 for switch R50, 1/5 track gauge 1524 mm for laying on concrete sleepers	Dn 550 Turnout of type R50 with a 1/5 grade for a 1524 mm gauge for laying on concrete sleepers	153	
19.	Dn 550.04.000	Manual switching mechanism equipment for switch R50, 1/5 track gauge 1524 mm for laying on concrete sleepers		235	
20.	Dn 610.03.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/6 track gauge 1524 mm	Dn 570, Dn 610 Turnouts of type R65 with a 1/6 grade for a 1524 mm gauge	160	
21.	Dn 675.50.000	Electric switch mechanism equipment type SP-6 for switch UIC60, 1/9 track gauge 1435 mm	Dn 675 Turnout of type UIC60 with a 1/9 grade for a 1435 mm gauge (R=300 m along the axis of the side track)	173	
22.	Dn 680.42.000	Electric switch mechanism equipment type SP-6 for switch 60E1, 1/11 track gauge 1520 mm	Dn 680 Turnout of type 60E1 with a 1/11 grade for a 1520 mm gauge R300 along the outer thread of the side track on wooden sleepers	46,8	
23.	Dn 735.40.000	Electric drive equipment type SP-6 for switch R50, 1/9 track gauge 1520 mm for laying on concrete sleepers	Dn 735; (-01) Turnout of type R50 with a 1/9 grade for a 1520 mm gauge for laying on concrete sleepers	170	
24.	Dn 735.50.000	Manual switching mechanism equipment for switch R50, 1/9 track gauge 1520 mm for laying on concrete sleepers	Dn 735-02; (-03) Turnout of type R50 with a 1/9 grade for a 1520 mm gauge for laying on concrete sleepers	232	
25.	Dn 755.50.000	Electric switch mechanism equipment type SP-6 for symmetrical switch R65, 1/6 track gauge 1520 mm for laying on concrete sleepers	Dn 755; (-01) Symmetrical turnout of type R65 with a 1/6 grade for a 1520 mm gauge for laying on concrete sleepers	160	
	Dn 755.50.000-01	Electric switch mechanism equipment type SP-6 for symmetrical switch R65, 1/6 track gauge 1520 mm	Dn 755-02; (-03) Symmetrical turnout of type R65 with a 1/6 grade for a 1520 mm gauge	160	
26.	Dn 920.70.000	Electric switch mechanism equipment type SP-6 for switch 60E1, 1/9 track gauge 1435 mm	Dn 920 Turnout of type 60E1 with a 1/9 grade for a 1435 mm gauge R300 along the axis of the side track	180	
27.	Dn 932.00.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/9 track gauge 1524 mm	ЛПТП.665121.101Dn-08; (-09) Turnout of type R65 with a 1/9 grade for a 1524 mm gauge	176	
28.	Dn 955.00.000	Electric switch mechanism equipment type SP-6 for	-	175	

		switch 49E1, 1/7 track gauge 1435 mm			
29.	Dn 965.90.000*	Electric switch mechanism equipment type SP-6 for switch R50, 1/9 track gauge 750 mm	Dn 965; (-01) Turnout of type R50 with a 1/9 grade radius 85 m for a 750 mm gauge	143	
	Dn 965.90.000-01*	Electric switch mechanism equipment type SP-6 for switch R50, 1/9 track gauge 750 mm for laying on concrete sleepers	Dn 965-02; (-03) Turnout of type R50 with a 1/9 grade radius 85 m for a 750 mm gauge for laying on concrete sleepers	143	
Group II - EQUIPMENT WITH ADDITIONAL SWITCHING DEVICES FOR SWITCHES (with curved switch rail)					
30.	16739-00-00 or 16739Dn.00.000 (as part of: --2372.01.130 – supporting roller; - DnSP 131; (-01) – connecting rod; - DnSP132-07 – connecting rod; - DnSP 378 -01; (-02) – stand with lever; - DnSP 468 – head rod)	Electric switch mechanism equipment type SP-6 for curved switch R65, 1/11 track gauge 1520 mm	2889Dn Turnout switch type R65, model 1/11, radius 600, track gauge 1520 mm	173	
31.	Dn 365.03.000 (as part of 16744Dn or 16744)	Electric switch mechanism equipment type SP-6 for switch R65, 1/18 track gauge 1520 mm	Dn 365 Turnout switch type R65, model 1/18 with frog casting body (monoblock)	402	
32.	2193.05.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/11 track gauge 1520 mm	2193 Turnout switch type R65, model 1/11, track gauge 1520 mm with flexible spring points	343	
33.	Dn 355.05.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/11 track gauge 1520 mm	Dn 355 Turnout switch type R65, model 1/11, track gauge 1520 mm	360	
34.	Dn 385.00.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/11 track gauge 1520 mm for laying on concrete sleepers	Dn 345 Turnout switch type R65, model 1/11, track gauge 1520 mm for laying on concrete sleepers	360	
35.	Dn 410.03.000	Electric switch mechanism equipment type SP-6 for switch UIC60, 1/11 track gauge 1435 mm	Dn 410; (-01) Turnout switch type UIC60, model 1/11, track gauge 1435 mm	322	
36.	Dn 410.05.000	Electric switch mechanism equipment type SP-6 for switch UIC60, 1/11 track gauge 1435 mm	Dn 410-04; (-05) Turnout switch type UIC60, model 1/11, track gauge 1435 mm		
37.	Dn 600.50.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/14 track gauge 1520 mm	Dn 600 Turnout switch type R65, model 1/14 seamless (with a gradient of 1:20)	410	
38.	Dn 945.80.000*****	Electric switch mechanism equipment type SP-6 for curved switch R65, 1/11 track gauge 1520 mm	Dn 945 Turnout switch type R65, model 1/11, radius 900 m, track gauge 1520 mm	335	
39.	Dn 950.60.000*****	Electric switch mechanism equipment type SP-6 for curved switch R65, 1/11 track gauge 1520 mm	Dn 950 Turnout switch type R65, model 1/11, radius 900 m, track gauge 1520 mm	355	
40.	У3.007.00.000	Electric switch mechanism equipment type SP-6 for switch R65, 1/11 - 1/9 track gauge 1520 mm for laying on concrete sleepers	65109Zh01; 65111Zh01; Dn 200 Turnout switches type R65, model 1/9, 1/11, track gauge 1520 mm for laying on concrete sleepers	345	
Group III - EQUIPMENT WITH EXTERNAL LOCKS FOR SWITCHES ***Group IV - EQUIPMENT WITH EXTERNAL LOCKS FOR FROGS WITH BPK***					
41.	Dn 060.04.000	Equipment with external locks for electric switch mechanism type SP-200 for switch R65, 1/18	Dn 060-02;		

			(-03) Turnout switch type R65, model 1/18, track gauge 1520 mm with continuous rolling surface frog	504	
42.	Dn 060.05.000	Equipment with external locks for electric switch mechanism type SP-200 for frog with BPK R65, 1/18		385	
43.	Dn 260.00.000	Equipment with external locks for electric switch mechanism type SP-12 for switch R65, 1/18	Dn 060; (-01) Turnout switch type R65, model 1/18, track gauge 1520 mm with continuous rolling surface frog	558	
44.	Dn 270.00.000	Equipment with external locks for electric switch mechanism type SP-12 for frog with BPK R65, 1/18		375	
45.	Dn 285.00.000-09;(-10)	Equipment with external locks for electric switch mechanism type SP-200 for switch R65, 1/11 track gauge 1520 mm	Dn 300 Turnout switch type R65, model 1/11 with reinforced pivoting core frog	207	
46.	Dn 305.00.000-04	Equipment with external locks for electric switch mechanism type SP-200 for frog with BPK R65, 1/11 track gauge 1520 mm	Dn 300 Turnout switch type R65, model 1/11 with reinforced pivoting core frog	284	
Group V - EQUIPMENT FOR scissor crossing					
47.	16752-00-00 or 16752Dn.00.000 (в складі з деталями 16751Dn)	Electric switch mechanism equipment type SP-6 for scissor crossing R50, 1/9 track gauge 1520 mm	1623, 1669 Double crossover switches type R50, model 1/9	173	
48.	16753-00-00 or 16753Dn.00.000	Set of rods for scissor crossing	1580Dn, 1623, 1669, 65109Zh03 Double crossover switches types R50, R65, model 1/9, track gauge 1520 mm	63	
49.	16761-00-00 or 16761Dn.00.000	Electric switch mechanism equipment type SP-6 for blunt frog R50, 1/9	1669 Double crossover switch type R50, model 1/9 with obtuse crossing and movable cores	84	
50.	У3.005.00.000;(-01)	Electric switch mechanism equipment type SP-6 for scissor crossing R65, 1/9 track gauge 1520 mm	1580Dn Double crossover switch type R65, model 1/9, track gauge 1520 mm with prefabricated cast frog	239	
51.	У3.005.00.000-02;(-03)	Electric switch mechanism equipment type SP-6 for scissor crossing R65, 1/9 track gauge 1520 mm for laying on concrete sleepers	65109Zh03 Double crossover switch type R65, model 1/9, track gauge 1520 mm with built-up and cast crossing frog for laying on concrete sleepers	239	
Group VI - EQUIPMENT FOR DERAIL SWITCHES AND DERAILING DEVICES					
52.	16758-00-00 or 16758Dn.00.000 (included with details 16757Dn)	Electric switch mechanism equipment type SP-6 for derail switch R65, 1/6 track gauge 1520 mm	Dn 685 Derail switch type R65, model 1/6	136	
53.	Dn 939.50.000*	Electric switch mechanism equipment type SP-6 for derailing device R65	939; (-01) Derailing device for rails type R65 with a gradient of 1:20	100	
	Dn 939.50.000-01*	Electric switch mechanism equipment type SP-6 for derailing device R65 for laying on concrete sleepers	Dn 939-02; (-03) Wheel derailing device for rails type R65 with a gradient of 1:20 for laying on concrete sleepers	142	

CAST FISHPLATE (ТУ У 30.2-14367980-036)

Name	***Project No.***	***Overall dimensions, mm***	***Weight, kg***
Fishplate P24	Dn 944.00.005; (-01)	24x69,2x364	3, 26
Fishplate P33/P34	Dn 140.00.005	27x86x470	6,3
Fishplate P43	Dn 816	35x94x470	8,6
Tram fishplate: - external T62 NZL; - internal T62 NVL	Dn 742 Dn 743	42x137x640 42x115x640	16,9 13,3