EN 10088-3:2023 (E)

Manne C SI Mn P S C NI Mo C XZCCNIMORIBELH-3 14435 0.030 1,00 2,00 0.045 0.035 17,0 to 190 12,5 to 15,0 2,50 to 300 0.012 </th <th>Steel designation</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>% by</th> <th>% by mass ^a</th> <th></th> <th></th> <th></th> <th></th>	Steel designation							% by	% by mass ^a				
14435 0030 1,00 2,00 0,045 0,030 17,0 to 19,0 1,50 to 18,0 1,50 to 18,0 <t< td=""><td>Name</td><td>Number</td><td>С</td><td>Si</td><td>Mn</td><td>Р</td><td>S</td><td>Cr</td><td>Ni</td><td>Мо</td><td>N</td><td>Cu</td><td>Others</td></t<>	Name	Number	С	Si	Mn	Р	S	Cr	Ni	Мо	N	Cu	Others
14432 0,030 1,00 2,00 0,045 0,015 1,50 to 14,50 0,045 0,015 1,50 to 14,50 4,00 to 50 4,00 to 50 0,12 to 14,50 1,453 4,00 to 50 4,00 to 50 0,15 1,50 to 14,50 2,00 0,030 1,00 1,00 2,00 1,00 1,00 to 1,00 2,00 0,045 0,015 1,00 to 1,00 2,00 0,045 0,015 1,00 to 1,00 8,0 to 1,10	X2CrNiMo18-14-3	1.4435	0,030	1,00	2,00	0,045	0,030 b	17,0 to 19,0	12,5 to 15,0	2,50 to 3,00	0,10	-	ı
14325 0,020 0,70 2,00 0,035 0,010 19,0 to 21,0 2,00 to 20,03 1,00 to 2,00 0,045 0,015 1,00 to 2,00 0,045	X2CrNiMoN17-13-5	1.4439	0,030	1,00	2,00	0,045	0,015	16,5 to18,5	12,5 to 14,5	4,0 to 5,0	0,12 to 0,22	,	1
Special grades 14325 0,030 to 0.15 1,00 2,00 0,045 0,035 17,0 to 19,0 8,0 to 10,0 - - 14315 0,06 1,00 2,00 0,045 0,015 18,0 to 19,0 8,0 to 11,0 - 0,12 to 0,22 14550 0,035 1,00 2,00 0,045 0,015 18,0 to 19,0 8,0 to 11,0 - 0,12 to 0,22 14550 0,036 1,00 2,00 0,045 0,015 17,0 to 19,0 9,0 to 12,0 0,10 14450 0,010 2,00 0,045 0,015 17,0 to 19,0 9,0 to 16,0 0,10 1,00 0,10 14451 0,010 2,00 0,046 0,016 14,0 to 16,0 0,20 0,10	X1NiCrMoCu25-20-5	1.4539	0,020	0,70	2,00	0,030	0,010	19,0 to 21,0	24,0 to 26,0	4,0 to 5,0	0,15	1,20 to 2,00	•
14325 0,030 to 0,015 1,00 2,00 0,045 0,035 17,0 to 19,0 8,0 to 10,0 - - 144315 0,066 1,00 2,00 0,045 0,015 18,0 to 19,0 8,0 to 10,0 - 0,12 to 0,022 144560 0,035 1,00 1,50 to 2,00 0,045 0,015 17,0 to 19,0 8,0 to 19,0 - 0,10 144560 0,038 1,00 2,00 0,045 0,015 17,0 to 19,0 8,0 to 12,0 - 0,10 144570 0,038 1,00 2,00 0,045 0,015 17,0 to 19,0 0,040 0,010 1,00 to 1,00 0,010 0,010 0,010 0,040 0,01 1,00 to 1,00 0,010 0,010 0,020 0,020 0,020 0,000 0,000 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010 0,010						S	pecial gra	sapes					
1.4315 0,066 1,00 0,045 0,015 18,0 to 20,0 8,0 to 11,0 0,12 to 0,22 1.4560 0,035 1,00 $\frac{1,50}{2,00}$ 0,045 0,015 18,0 to 19,0 8,0 to 11,0 - 0,10 1.4550 0,038 1,00 2,00 0,045 0,015 17,0 to 19,0 9,0 to 12,0° - 0,10 1.4551 0,038 1,00 0,045 0,016 1,00 1,00 0,10 0,10 0,00 0,10 0,01 0,00 0,00 0,025 0,010 1,00 0,10 0,00	X9CrNi18-9	1.4325	0,030 to 0,15	1,00	2,00	0,045	0,030	17,0 to 19,0	8,0 to 10,0		ı	ı	ı
1.4560 0,035 1,00 1,50 to 2,000 0,045 0,015 18,0 to 19,0 8,0 to 9,0 - 0,10 1.4550 0,088 1,00 2,00 0,045 0,015 17,0 to 19,0 9,0 to 12,0° - - 1.4361 0,018 3,7 to 4,5 2,00 0,045 0,015 14,0 to 16,0 9,0 to 12,0° - - - 1.4361 0,018 3,7 to 4,5 2,00 0,040 0,030 15,0 to 18,0 15,0 to 18,0 1,00 0,10	X5CrNiN19-9	1.4315	90'0	1,00	2,00	0,045	0,015	18,0 to 20,0	8,0 to 11,0	,	0,12 to 0,22	1	1
1.4550 0,08 1,000 2,00 0,045 0,015 17,0 to 19,0 0,0015 1,000 0,025 0,010 15,5 to 18,5 14,0 to 16,0 0,020 0,100 0	X3CrNiCu19-9-2	1.4560	0,035	1,00	1,50 to 2,00	0,045	0,015	18,0 to 19,0	8,0 to 9,0		0,10	1,50 to 2,00	•
1.4361 0,015 3,7 to 4,5 2,00 0,025 0,010 1,00 to 16,0 1,00 to 10,0 0,020 0,020 1,00 to 10,0 0,020 0,010 to 0,030 0,040 0,030 1,50 to 18,0 1,00 0,02 to 0,030 0,040 0,030 1,00 to 0,030 0,040 0,010 1,40 to 16,0 4,5 to 6,0 0,80 0,010 to 0,030 1.4374 0,036 1,00 5,5 to 7,5 0,045 0,045 0,045 0,045 0,045 0,045 0,045 0,045 0,045 0,045 0,045 0,045 0,045 0,046	X6CrNiNb18-10	1.4550	80'0	1,00	2,00	0,045	0,015	17,0 to 19,0	9,0 to 12,0 ^c			ı	Nb: $10 \times C$ to $1,00$
1.4597 0,10 2,00 6,5 to 9,0 0,040 0,030 15,0 to 18,0 3,00 1,00 0,10 to 0,030 1.4615 0,030 1,00 7,0 to 9,0 0,046 0,010 14,0 to 16,0 4,5 to 6,0 0,89 0,02 to 0,00 1.4372 0,15 1,00 5,5 to 7,5 0,045 0,015 16,0 to 18,0 3,5 to 5,5 - 0,05 to 0,00 1.4374 0,05 to 0,10 0,30 to 0,00 10,0 0,035 0,035 17,5 to 18,5 5,0 to 6,0 0,25 to 0,035 1.4374 0,05 to 0,15 0,50 to 7,5 0,035 0,035 17,5 to 18,5 5,0 to 6,0 0,50 to 0,32 1.44369 0,015 1,00 11,0 to 1,0 0,045 0,030 17,5 to 19,0 0,50 to 2,50 - 0,20 to 0,32 1.44646* 0,08 1,00 1,05 to 1,0 0,045 0,015 17,0 to 19,0 0,50 to 1,0 0,20 to 0,00 0,20 to 0,00 0,020 to 0,00 0,020 to 0,00 0,010 0,010 0,010 0,010 0,010 0,010 </td <td>X1CrNiSi18-15-4</td> <td>1.4361</td> <td>0,015</td> <td>3,7 to 4,5</td> <td>2,00</td> <td>0,025</td> <td>0,010</td> <td>16,5 to 18,5</td> <td>14,0 to 16,0</td> <td>0,20</td> <td>0,10</td> <td>-</td> <td>1</td>	X1CrNiSi18-15-4	1.4361	0,015	3,7 to 4,5	2,00	0,025	0,010	16,5 to 18,5	14,0 to 16,0	0,20	0,10	-	1
1.4615 0,030 1,00 7,0 to 9,0 0,040 0,010 14,0 to 16,0 4,5 to 6,0 0,80 0,02 to 0,06 1.4372 0,15 1,00 5,5 to 7,5 0,045 0,015 16,0 to 18,0 3,5 to 5,5 - 0,05 to 0,05 1.4374 0,05 to 0,15 0,30 to 0,00 10,00 10,00 0,035 0,036 17,5 to 18,5 5,0 to 6,0 0,25 to 0,00 0,25 to 0,00 0,025 to 0,00 0,025 to 0,00 0,025 to 0,00 0,020 to 0,00 0,050 to 0,00 0,020 to 0,00 0,050 to 0,00 0,020 to 0,00 0,050 to 0,	X8CrMnCuN17-8-3	1.4597	0,10	2,00	6,5 to 9,0	0,040	0,030	15,0 to 18,0	3,00	1,00	0,10 to 0,30	2,00 to 3,5	
1.4372 0,15 1,00 5,5 to 7,5 0,045 0,015 16,0 to 18,0 3,5 to 5,5 - 0,05 to 0,05 1.4374 0,05 to 0,10 0,30 to 0,00 10,00 0,030 to 0,005 0,030 to 0,030 to 0,030 0,030 to 0,030 to 0,030 to 0,030 0,015 to 19,0 0,50 to 2,50 to 2,50 - 0,20 to 0,030 to 0,045 0,045 to 0,030 to 0,045 0,030 to 0,040 to 0,040 to 0,030 0,040 to 0,04	X3CrMnNiCu15-8-5-3	1.4615	0,030	1,00	7,0 to 9,0	0,040	0,010	14,0 to 16,0	4,5 to 6,0	08'0	0,02 to 0,06	2,00 to 4,0	,
1.4374 0,05 to 0,10 0,30 to 0,00 9,0 to 0,00 0,035 0,036 17,5 to 18,5 5,0 to 6,0 0,50 0,25 to 0,32 1.4369 0,07 to 0,15 0,050 to 0,15 1,00 11,0 to 0,045 0,030 16,5 to 19,0 0,50 to 2,50 - 0,20 to 0,30 1.4378 0,08 1,00 11,5 to 0,050 0,060 0,030 17,0 to 19,0 2,30 to 3,7 - 0,20 to 0,45 1.4646* 0,020 to 0,10 1,00 10,5 to 10,5 0,050 0,010 3,5 to 4,5 0,50 to 0,30	X12CrMnNiN17-7-5	1.4372	0,15	1,00	5,5 to 7,5	0,045	0,015	16,0 to 18,0	3,5 to 5,5	•	0,05 to 0,25	1	•
1.43690,07 to 0,150,50 to 7,50,0300,01517,5 to 19,56,5 to 8,5-0,20 to 0,301.40200,151,0011,0 to 14,50,0600,03016,5 to 19,00,50 to 2,50-0,20 to 0,451.44646*0,020 to 0,0101,0010,5 to 16,50,01517,0 to 19,03,5 to 4,50,50 to 0,30	X8CrMnNiN18-9-5	1.4374	0,05 to 0,10	0,30 to 0,60	9,0 to 10,0	0,035	0,030	17,5 to 18,5	5,0 to 6,0	02'0	0,25 to 0,32	0,40	
	X11CrNiMnN19-8-6	1.4369	0,07 to 0,15	0,50 to 1,00	5,0 to 7,5	0,030	0,015	17,5 to 19,5	6,5 to 8,5	-	0,20 to 0,30	ı	ı
	X13MnNiN18-13-2	1.4020	0,15	1,00	11,0 to 14.0	0,045	0,030	16,5 to 19,0	0,50 to 2,50	•	0,20 to 0,45	1	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	X6CrMnNiN18-13-3	1.4378	80'0	1,00	11,5 to 14,5	090'0	0,030	17,0 to 19,0	2,30 to 3,7		0,20 to 0,40	1	•
	X6CrMnNiCuN18-12-4-2	1,4646*	0,020 to 0,10	1,00	10,5 to 12,5	0,050	0,015	17,0 to 19,0	3,5 to 4,5	0,50	0,20 to 0,30	1,50 to 3,00	,