

Billets

Order example:

MBLS-SAF2507-80

MBLR-254SMO-180

■ = Square billets, fully ground

● = Round billets, peel turned

MBLS/MBLR

Sandvik grade	Dimension, mm										
	75	80	100	125	150	180	195	200	250	300	350
Sandvik Sanicro 31HT	■	■	■	■	■		■		■		■
Sandvik Sanicro 32Cu		■	■	■	■		■		■		■
Sandvik Sanicro 41		■	■	■	■		■		■		■
Sandvik Sanicro 70		■	■	■	■		■		■		■
Sandvik 254 SMO-ESR ●			●		●	●			●	●	●
Sandvik SAF 2507		■	■	■	■		■		■		■
Sanmac SAF 2205		■	■	■	■		■		■		■

Standards

Sandvik grade	Type of steel			
	AISI Alloy	UNS	EN/W.Nr.	Product standard*
Sandvik Sanicro 31HT	800HT	N08810/ 08811	EN 1.4959	B564
Sandvik Sanicro 32Cu	20	N08020	W.Nr 2.4660	B462
Sandvik Sanicro 41	825	N08825	W.Nr 2.4858	B564
Sandvik Sanicro 70		N06600	W.Nr 2.4819	B564
Sandvik 254 SMO-ESR		S31254	EN 1.4547	F44 A182
Sandvik SAF 2507		S32750	EN 1.4410	F53 A182
Sanmac SAF 2205		S31803/S32205	EN & W.Nr 1.4462	F51 A182

* Suitable for the production of flanges etc. according to ASTM standards.

Chemical compositions (nominal), %

Sandvik grade	C	Si	Mn	P max	S max	Cr	Ni	Mo	Others
Sandvik Sanicro 31HT/Alloy 800HT	0.07	0.6	0.6	0.025	0.010	20.5	30	-	Ti=0.5, Al=0.5, Fe=bal
Sandvik Sanicro 32Cu/Alloy 20	≤0.025	0.5	1.8	0.025	0.0010	19.5	32.5	2.2	Cu=3.3, Nb ≥8xC
Sandvik Sanicro 41/Alloy 825	≤0.05	≤0.5	0.8	0.025	0.015	20	38.5	2.6	Ti=0.7, Cu=1.7, Al=0.1
Sandvik Sanicro 70	0.06	0.35	0.8	0.015	0.015	16.3	72.5	-	Ti=0.15, Al=0.17
Sandvik 254 SMO-ESR/F44	≤0.020	≤0.80	≤1.0	0.030	0.010	20	18	6.1	N=0.20, Cu=0.7
Sandvik SAF 2507/F53	≤0.030	≤0.8	≤1.2	0.035	0.015	25	7	4	N=0.3, Cu ≤0.5
Sanmac SAF 2205/F51	≤0.025	≤1.0	≤2.0	0.030	0.015	22.5	5.5	3.2	N=0.18

Lengths

3-5.8 m

Delivery time

Ex mill 1-2 days following receipt of order

Minimum quantity

1 billet