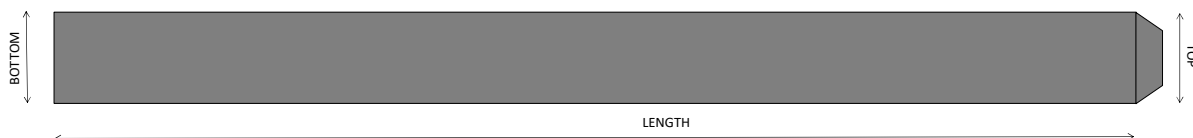


**TABLE OF INGOTS DIMENSIONS AND WEIGHTS (rev. 01/2019 dated May 15th 2019)**

All weights and dimensions must be considered indicative

**ROUND INGOTS**

for hollow parts



Ingot	Sides N°	Ingots per heat		Dimensions				Weight with Top [Kg]		Weight without Top [Kg] ****	
				Top $\varnothing$ [mm]	Bottom $\varnothing$ [mm]	Length [mm]		min.	max.	min.	max.
		min.	max.	min.	max.						
$\varnothing$ 310	-	12		300	312	4300		2600		2540	
$\varnothing$ 380	-	7	8	382	388	4300		3970		3840	
$\varnothing$ 420	-	7	8	427	427	4300		4800		4590	
$\varnothing$ 480	-	5	6	476	476	4350		6350		6050	
$\varnothing$ 540	-	4	5	538	538	4350		8050		7700	
$\varnothing$ 600	-	3	4	610	610	3900	4300	9350	10350	8950	9950
$\varnothing$ 680	-	3	4	670	670	3850	4300	11150	12300	10550	11700
$\varnothing$ 800	-	2	3	802	808	3000	3950*	12700	16500*	11850	15650*
$\varnothing$ 900	-	2	3	894	894	2550	3750	13800	19600	12500	18300
$\varnothing$ 1000	-	1	2	1000	1000	4000	4750**	26000	30600**	24600	29200**
$\varnothing$ 1000B	-	2		1000	1000	2350		16300		14500	
$\varnothing$ 1200	-	1	2	1210	1210	2600	4070	27000	40500	23800	37300
$\varnothing$ 1300	24	1		1260	1260	2900		31500		28700	
$\varnothing$ 1450	-	1		1455	1455	2020	3430	33000	51000	27300	45300
$\varnothing$ 1800	24	1		1800	1800	2800	3500	63500	76500	56500	69500
$\varnothing$ 1800H	24	1		1800	1800	4000		88000		81000	

IL NUMERO DI LINGOTTI È LEGATO AL PESO COMPLESSIVO DELLA COLATA CHE NON PUÒ ESSERE INFERIORE A 26600 kg

THE NUMBER OF INGOTS IS RELATED TO THE TOTAL WEIGHT OF THE CAST WHICH CANNOT BE LESS THAN 26600 kg

**NEL CASO DI COLATE CHE NECESSITINO DI ELABORAZIONE CON IMPIANTO AOD, IL PESO MASSIMO DELLA COLATA E' DI 40000 kg PER COLATA SINGOLA MENTRE DA 53000 A 77000 PER COLATA DOPPIA**

**IN CASE MELTS NEED AN AFFINATION PHASE THROUGH AOD SYSTEM, THE MAXIMUM WEIGHT OF THE COMPLETE CAST IS 40000 kg FOR SINGLE MELT WHILE FROM 53000 Kg TO 77000 Kg FOR DOUBLE MELT**

DIFFERENTI COMBINAZIONI DI LINGOTTI O PARTICOLARI RICHIESTE DI PESO POSSONO IN OGNI CASO ESSERE VALUTATE TRAMITE L'UFFICIO COMMERCIALE

\*800 possibile aumentare altezza di 500mm \*\*1000 possibile aumentare altezza di 400mm

DIFFERENT COMBINATIONS OF INGOTS OR SPECIAL REQUESTS OF WEIGHT MAY BE DISCUSSED WITH THE COMMERCIAL DEPARTMENT

\*800 possible to increase height of 500mm \*\*1000 possible to increase height of 400mm

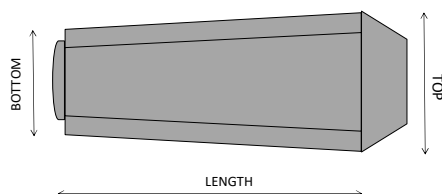
\*\*\*\*Peso senza materozza ma con piede / Weight without top but with bottom

**TABLE OF INGOTS DIMENSIONS AND WEIGHTS (rev. 01/2019 dated May 15th 2019)**

All weights and dimensions must be considered indicative

**POLYGONAL INGOTS**

for solid forged pieces



Ingot	Sides N°	Ingots per heat		Dimensions				Weight with Top [Kg]		Weight without Top [Kg] ****	
				Top $\varnothing$ [mm]	Bottom $\varnothing$ [mm]	Length [mm]		min.	max.	min.	max.
		min.	max.								
Pol.6700	8	5	6	820	700	1630		6560		5800	
Pol.8500	8	4		933	773	1660		8200		7100	
Pol.11000	8	3		1046	914	1550		10700		9100	
Pol.11000H	8	2	3	1046	914	1550	1900	10700	13400	8800	11500
Pol.16000	8	2		1255	1100	1680		16100		14100	
Pol.16000H	8	2		1255	1100	1680	1950	16100	19400	13400	16700
Pol.21000	8	2		1255	1100	1980	2250	19700	22200	17000	19500
Pol.23500	8	2		1500	1310	1710		24500		20200	
Pol.25500	8	1	2	1500	1310	1870		27100		22200	
Pol.27500	8	1		1500	1310	2030		29500		24100	
Pol.31000	8	1		1510	1300	2200		31400		26500	
Pol.35000	16	1		1600	1390	1980	2650	32500	42000	27200	36700
Pol.45000	16	1		1800	1600	2200	2800	45300	57000	37500	49200
Pol.68000	24	1		1920	1710	2500	2950	58700	69400	48800	59500
Pol.69000	20	1		2050	1860	2410		70000		60000	
Pol.74000	20	1		2050	1860	2630		76000		66000	
Pol.80000	20	1		2050	1860	2860		82000		72000	
Pol.90000	20	1		2050	1860	3300		96000		79700	

**IL NUMERO DI LINGOTTI È LEGATO AL PESO COMPLESSIVO DELLA COLATA CHE NON PUÒ ESSERE INFERIORE A 26600 kg**

THE NUMBER OF INGOTS IS RELATED TO THE TOTAL WEIGHT OF THE CAST WHICH CANNOT BE LESS THAN 26600 kg

**NEL CASO DI COLATE CHE NECESSITINO DI ELABORAZIONE CON IMPIANTO AOD, IL PESO MASSIMO DELLA COLATA E' DI 40000 kg PER COLATA SINGOLA MENTRE DA 53000 A 77000 PER COLATA DOPPIA**

IN CASE MELTS NEED AN AFFINATION PHASE THROUGH AOD SYSTEM, THE MAXIMUM WEIGHT OF THE COMPLETE CAST IS 40000 kg FOR SINGLE MELT WHILE FROM 53000 Kg TO 77000 Kg FOR DOUBLE MELT

**DIFFERENTI COMBINAZIONI DI LINGOTTI O PARTICOLARI RICHIESTE DI PESO POSSONO IN OGNI CASO ESSERE VALUTATE TRAMITE L'UFFICIO COMMERCIALE**

DIFFERENT COMBINATIONS OF INGOTS OR SPECIAL REQUESTS OF WEIGHT MAY BE DISCUSSED WITH THE COMMERCIAL DEPARTMENT

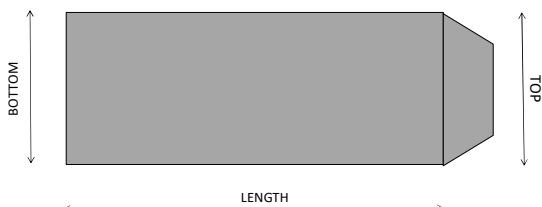
\*\*\*\*Peso senza materozza ma con piede / Weight without top but with bottom

**TABLE OF INGOTS DIMENSIONS AND WEIGHTS (rev. 01/2019 dated May 15th 2019)**

All weights and dimensions must be considered indicative

**SQUARE INGOTS**

for forged parts



Ingot	Sides N°	Ingots per heat		Dimensions				Weight with Top [Kg]		Weight without Top [Kg] ****	
				Top $\varnothing$ [mm]	Bottom $\varnothing$ [mm]	Length [mm]		min.	max.	min.	max.
		min.	max.								
□ 470	4	10	12	460	460	1730		3150		2900	
□ 650	4	6	8	580	580	1680		4900		4400	
□ 830H	4	3	4	830	770	1480	1980	8100	10700	6750	9350
□ 960H	4	2	3	1010	900	1480	2050	12500	16900	10200	14600
□ 1150	4	1	2	1205	1000	1850	2400	20200	26600	16800	23200

**IL NUMERO DI LINGOTTI È LEGATO AL PESO COMPLESSIVO DELLA COLATA CHE NON PUÒ ESSERE INFERIORE A 26600 kg**

THE NUMBER OF INGOTS IS RELATED TO THE TOTAL WEIGHT OF THE CAST WHICH CANNOT BE LESS THAN 26600 kg

**NEL CASO DI COLATE CHE NECESSITINO DI ELABORAZIONE CON IMPIANTO AOD, IL PESO MASSIMO DELLA COLATA E' DI 40000 kg PER COLATA SINGOLA MENTRE DA 48000 A 77000 PER COLATA DOPPIA**

IN CASE MELTS NEED AN AFFINATION PHASE THROUGH AOD SYSTEM, THE MAXIMUM WEIGHT OF THE COMPLETE CAST IS 40000 kg FOR SINGLE MELT WHILE FROM 48000 Kg TO 77000 Kg FOR DOUBLE MELT

**DIFFERENTI COMBINAZIONI DI LINGOTTI O PARTICOLARI RICHIESTE DI PESO POSSONO IN OGNI CASO ESSERE VALUTATE TRAMITE L'UFFICIO COMMERCIALE**

DIFFERENT COMBINATIONS OF INGOTS OR SPECIAL REQUESTS OF WEIGHT MAY BE DISCUSSED WITH THE COMMERCIAL DEPARTMENT

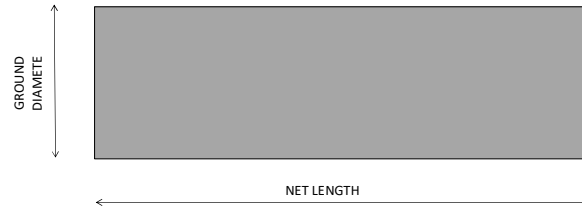
\*\*\*\*Peso senza materozza ma con piede / Weight without top but with bottom

**TABLE OF INGOTS DIMENSIONS AND WEIGHTS (rev. 01/2019 dated May 15th 2019)**

All weights and dimensions must be considered indicative

**REMELTED ROUND INGOTS**

for special forged parts


**VAR - VACUUM ARC REMELTED INGOTS**

Ingot	Sides N°	Ingots per heat		Dimensions			Net weight without Top and Bottom [Kg]	
				Ground Diameter	Net length [mm]		min.	max.
		min.	max.	[mm]	min.	max.		
Ø 614	-	4	6	595	2500	2750	5700	6100
Ø 890	-	2	3	875	2300	2750	10900	13000

**ESR - ELECTRO SLAG REMELTED INGOTS**

Ø 1000	-	1	3	1000	1750	5400	10800	33500
Ø 1200	-	1	2	1200	1800	5400	16000	48000
Ø 1600	-	1		1600	1900	5150	30000	81000

## TABLE OF INGOTS DIMENSIONS AND WEIGHTS (rev. 01/2019 dated May 15th 2019)

## STAINLESS STEEL INGOTS

	FORMATO DISPONIBILE AVAILABLE SIZE
	SOLO RITIRO CALDO ONLY HOT DELIVERY
	COLATA DOPPIA DA 48 A 77 TON DOUBLE MELT FROM 48 TO 77 TON

AUSTENITICI E DUPLEX VENGONO FORNITI MOLATI. PERDITA DI PESO INDICATIVA: 4%  
 AUSTENITIC AND DUPLEX ARE DELIVERY IN GRINDED CONDITION. INDICATIVE LOSS WEIGHT: 4%

Ingot	AUSTENITIC	MARTENSITIC	DUPLEX E SUPERDUPLEX		
			F51	F53	F55
Ø 310					
Ø 380					
Ø 420					
Ø 480					
Ø 540					
Ø 600					
Ø 680					
Ø 800					
Ø 900					
Ø 1000					
Ø 1000B					
Ø 1200					
Ø 1300					
Ø 1450					
Ø 1800					
Ø 1800H					
□ 470					
□ 650					
□ 830H					
□ 960H					
□ 1150					
Pol.6700					
Pol.8500					
Pol.11000					
Pol.11000H					
Pol.16000					
Pol.16000H					
Pol. 21000					
Pol.23500					
Pol.25500					
Pol.27500					
Pol.31000					
Pol.35000					
Pol.45000					
Pol.68000					
Pol.69000					
Pol.74000					
Pol.80000					
Pol.90000					