

GRUPPI MATERIALE

MATERIAL GROUPS

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1	Acciaio - Steel - Acier		
1.1	Acciaio dolce magnetico Rm < 400 N/mm², < 120 HB		
	<i>Magnetic soft steel - Acier doux magnétique</i>		
	W-Nr.	DIN - Germany	UNI - Italy
	1.1013	RFe100	-
	1.1014	Rfe80	-
	1.1015	Rfe60	-
1.2	Acciaio da costruzione, da cementazione, automatico Rm < 700 N/mm², < 200 HB		
	<i>Structural steel, case carburizing steel, free cutting steel - Acier de construction, en acier trempé</i>		
	W-Nr.	DIN - Germany	UNI - Italy
Acciaio da costruzione <i>Structural steel</i> <i>Acier de construction</i>	1.0037	St37-2	Fe360B
	1.0044	St44-2	Fe430B
	1.0050	St50-2	Fe490
	1.0060	St60-2	Fe590
	1.0070	St70-2	Fe690
	1.0570	St52-3	Fe510B, C, D
Acciaio da cementazione <i>Case carburizing steel</i> <i>Acier trempé</i>	1.0301	C10	C10
	1.0401	C15	C15
	1.0402	C22	C20, C21
	1.0406	C25	C25
	1.7131	16MnCr5	16MnCr5
	1.7147	20MnCr5	20MnCr5
	1.5919	15CrNi6	16CrNi4
	1.6523	21NiCrMo2	20NiCrMo2
Acciaio automatico (AVP) <i>Free cutting steel</i> <i>Acier automatique</i>	1.0711	9S20	CF10S20
	1.0715	9SMn28	CF9SMn28
	1.0718	9SMnPb28	CF9SMnPb28
	1.0726	3S520	CF35SMn10
	1.0736	9SMn36	CF9SMn36
	1.0737	9SMnPb36	CF9SMnPb36
1.3	Acciaio al carbonio Rm < 850 N/mm², < 250 HB		
	<i>Plain carbon steel - Acier au carbone</i>		
	W-Nr.	DIN - Germany	UNI - Italy
Da bonifica <i>Heat-treatable steel</i> <i>De revenu</i>	1.0528	C30	-
	1.0501	C35	C35
	1.0511	C40	C40
	1.0503	C45	C45
	1.0540	C50	-
	1.0535	C55	C55
	1.0601	C60	C60
	1.1178	Ck30	-
	1.1181	Ck35	C35
	1.1191	Ck45	C46

Continua Acciaio al carbonio / Continue Plain carbon steel / Acier au carbone à suivre ➤

	W-Nr.	DIN - Germany	UNI - Italy
Per molle <i>Spring steel</i> <i>Pour les ressorts</i>	1.1231	Ck67	C70
	1.1248	Ck75	C75
	1.1269	Ck85	C85
	1.1274	Ck101	C100
Da tempra superficiale <i>Surface hardening</i> <i>De durcissement de surface</i>	1.1183	Cf35	C36, C38
	1.1193	Cf45	C43
	1.1213	Cf53	C53
1.4 1.5 1.6 1.7 1.8 Acciaio legato <i>Alloyed steel - Acier allié</i>	Acciaio legato - bonificato, fusioni d'acciaio Rm < 850 N/mm², < 250 HB <i>Alloyed steel, tempered steel, steel castings - Acier allié, trempé et revenu, fusion d'acier</i>		
	Acciaio legato - bonificato Rm 850 ÷ 1200 N/mm², 250 ÷ 350 HB <i>Alloyed steel, tempered steel - Acier allié, trempé et revenu</i>		
	Acciaio legato - alta resistenza Rm 1200 ÷ 1400 N/mm², 38 ÷ 45 HRC <i>Alloyed steel, high strength steel - Acier allié - haute résistance</i>		
	Acciaio legato - alta resistenza Rm 1400 ÷ 1600 N/mm², 45 ÷ 49 HRC <i>Alloyed steel, high strength steel - Acier allié - haute résistance</i>		
	Acciaio legato - temprato 49 ÷ 62 HRC <i>Hardened steel - Acier trempé</i>		
	W-Nr.	DIN - Germany	UNI - Italy
Da bonifica <i>Heat-treatable steel</i> <i>De revenu</i>	1.7035	41Cr4	41Cr4
	1.8159	50CrV4, 51CrV4	51CrV4
	1.7218	25CrMo4	25CrMo4
	1.7220	34CrMo4	35CrMo4
	1.7225	42CrMo4	42CrMo4
	1.7228	50CrMo4	-
	1.7242	16CrMo4	18CrMo4
	1.6580	30CrNiMo8	30NiCrMo8
	1.6582	34CrNiMo6	35NiCrMo6 (KW)
	1.6511	36CrNiMo4	38NiCrMo4 (KB)
	1.6773	36NiCrMo16	34NiCrMo16
	1.6565	40NiCrMo6	-
Da nitrurazione <i>Nitriding steel</i> <i>De nitruration</i>	1.8515	31CrMo12	31CrMo12
	1.8519	31CrMoV9	-
	1.8507	34CrAlMo7	34CrAlMo7
	1.8509	41CrAlMo7	41CrAlMo7
Da cuscinetti <i>Ball bearing steel</i> <i>Roulements</i>	1.3505	100Cr6	100Cr6
	1.3537	100CrMo7	100CrMo7
Per molle <i>Spring steel</i> <i>Ressorts</i>	1.5025	51Si7	48Si7
	1.5026	56Si7	55Si7
	1.5027	60Si7	-
	1.7108	60SiCr7	60SiCr8
	1.8159	50CrV4	50CrV4
	1.7176	55Cr3	55Cr3
	1.7701	51CrMoV4	-
Fusioni d'acciaio (ghisa acciaiata) <i>Steel castings</i> <i>Acier coulé</i>	1.0446	GS-45	-
	1.0552	GS-52	-
	1.5919	GS-15CrNi6	-
	1.7218	GS-25CrMo4	-
	1.7220	GS-34CrMo4	-
	1.7379	GS-18CrMo9-10	-

Continua Acciaio legato / Continue Alloyed steel / Acier allié à suivre ►

	W-Nr.	DIN - Germany	UNI - Italy
Per tempra superficiale <i>Surface hardening</i> <i>De durcissement de surface</i>	1.7005	45Cr2	-
	1.7006	46Cr2	46Cr2
	1.7043	38Cr4	-
	1.7034	37Cr4	36CrMn4
	1.7223	41CrMo4	41CrMo4
Per lavorazioni a caldo <i>Hot work tool steel</i> <i>Travail à chaud</i>	1.2767	45NiCrMo16	42NiCrMo 15 7
	1.2713	55NiCrMoV6	-
	1.2714	55NiCrMoV7	55NiCrMoV7KU
	1.2311	40CrMnMo7	35CrMo8KU
	1.2365	X32CrMoV3-3	30CrMoV12-27KU
	1.2343	X38CrMoV5-1	X37CrMoV5-1KU
	1.2344	X40CrMoV5-1	X40CrMoV5-1-1KU
	1.2567	X30WCrV5-3	X30WCrV5-3KU
Per lavorazioni a freddo <i>Cold work tool steel</i> <i>Travail à froid</i>	1.2581	X30WCrV9-3	X30WCrV9-3KU
	1.2080	X210Cr12	X205Cr12KU
	1.2083	X42Cr13	-
	1.2363	X100CrMoV5-1	X100CrMoV5-1KU
	1.2379	X155CrVMo12-1	X155CrVMo12-1KU
	1.2510	100MnCrW4	95MnWCr5KU
	1.2550	60WCrV7	55WCrV8KU
Acciaio rapido HSS, HSS-E <i>High speed steel</i> <i>Acier rapide</i>	1.2842	90MnCrV8	90MnVCr8KU
	1.3202	S 12-1-4-5	(T15)
	1.3207	S 10-4-3-10	HS 10-4-3-10 (T42)
	1.3243	S 6-5-2-5	HS 6-5-2-5 (M35)
	1.3247	S 2-10-1-8	HS 2-9-1-8 (M42)
	1.3343	S 6-5-2	HS 6-5-2 (M2)
	1.3344	S 6-5-3	(M3/2)
Acciaio rapido sinterizzato HSS-PM <i>Sintered high speed steel</i> <i>Acier fritté</i>	1.3348	S 2-9-2	HS 2-9-2 (M7)
	-	HS 6-5-3-8	(ASP2030, ASP30)
	-	HS 10-2-5-8	(ASP2052, ASP52)
1.7 Acciaio speciale Rm<1600 N/mm ² <i>Special steel</i> <i>Acier spécial</i>	-	HS 6-7-6-10	(ASP2060, ASP60)
1.8 Acciaio speciale 49 – 62 HRC <i>Special steel</i> <i>Acier spécial</i>	-	-	HARDOX 400
	-	-	HARDOX 450
2	Acciaio INOX - Stainless Steel - Acier inoxydable		
	2.1	Acciaio INOX automatico Rm < 850 N/mm², < 250 HB	
<i>Free machining stainless steel - Automatique acier inoxydable</i>			
W-Nr.		DIN - Germany	UNI - Italy
1.4104	X14CrMoS17	X10CrS17 (AISI 430F)	
1.4305	X8CrNiS18-9	X10CrNiS18-9 (AISI 303)	

Continua Acciaio INOX / Continue Stainless Steel / Acier inoxydable à suivre ►

2.2			
Austenitico Rm < 850 N/mm², < 250 HB			
<i>Austenitic stainless steel - Austénitique</i>			
	W-Nr.	DIN - Germany	UNI - Italy
	1.4301	X5CrNi18-10	X5CrNi18-10 (AISI 304)
	1.4306	X2CrNi19-11	X2CrNi18-11 (AISI 304L)
	1.4401	X5CrNiMo18-10	X5CrNiMo17-12 (AISI 316)
	1.4404	X2CrNiMo17-13-2	X2CrNiMo17-12 (AISI 316L)
	1.4406	X2CrNiMoN17-12-2	X2CrNiMoN17-12 (AISI 316LN)
	1.4435	X2CrNiMo18-14-3	X2CrNiMo17-13
	1.4438	X2CrNiMo18-16-4	X2CrNiMo18-15 (AISI 317L)
	1.4541	X6CrNiTi18-10	X6CrNiTi18-11 (AISI 321)
	1.4550	X6CrNiNb18-10	X8CrNiNb18-11 (AISI 347)
	1.4828	X15CrNiSi20-12	X16CrNi23-14
	1.4841	X15CrNiSi25-20	X16CrNiSi25-20 (AISI 314)
	1.4845	X12CrNi25-21	X6CrNi25-20 (AISI 310S)
2.3			
Ferritico, Ferritico + Austenitico, Martensitico Rm < 1100 N/mm², < 320 HB			
<i>Ferritic, ferritic + austenitic, martensitic - Ferritique, ferritique + austénitique, martensitique</i>			
	W-Nr.	DIN - Germany	UNI - Italy
Ferritico <i>Ferritic</i> <i>Ferritique</i>	1.4002	X6CrAl13	X6CrAl13 (AISI 405)
	1.4003	X2Cr11	X2CrNi12
	1.4016	X6Cr17	X8Cr17 (AISI 430)
	1.4510	X6CrTi17	X6CrTi17 (AISI 430Ti)
	1.4509	X2CrTiNb18	X2CrTiNb18
	1.4512	X5CrTi12	X6CrTi12 (AISI 409)
Ferritico + austenitico (Bifasico) <i>Ferritic + austenitic (Duplex)</i> <i>Ferritique+austénitique, (biphasique)</i>	1.4462	X2CrNiMoN22-5-3	X2CrNiMoN22-5-3
	1.4501	X2CrNiMoCuWN25-7-4	X2CrNiMoCuWN25-7-4
Martensitico <i>Martensitic</i> <i>Martensitique</i>	1.4006	X10Cr13	X12Cr13 (AISI 410)
	1.4005	X12Cr513	X12Cr513 (AISI 416)
	1.4021	X20Cr13	X20Cr13 (AISI 420)
	1.4028	X30Cr13	X30Cr13
	1.4057	X17CrNi16-2	X16CrNi16 (AISI 431)
	1.4125	X105CrMo17	(AISI 440C)
2.4			
Leghe Cr-Ni resistenti alle alte temperature Rm 1100 ÷ 1400 N/mm², 330 ÷ 410 HB			
<i>Cr-Ni alloys high temperatures resistant - Alliages Cr-Ni résistant à des températures élevées</i>			
	W-Nr.	DIN - Germany	UNI - Italy
Indurente per precipitazione <i>Precipitation hardening</i> <i>Durcissement par précipitation</i>	1.4542	X5CrNiCuNb16-4	(AISI 630, 17-4 PH)
	1.4545	X4CrNiCu16-6	(15-5 PH)
	1.4568	X7CrNiAl17-7	(17-7 PH)
	1.4922	X20CrMoV11-1	-
	1.4939	X12CrNiMo12	-
	1.4944	-	(AISI 660)
	1.4980	X6NiCrTiMoVB25-15-2	

3	Ghisa - Cast Iron - Fonte		
3.1	Ghisa grigia lamellare Rm < 600 N/mm², < 180 HB		
	<i>Lamellar grey cast iron - Fonte grise lamellaire</i>		
	W-Nr.	DIN - Germany	UNI - Italy
	0.6010	GG-10	G 10
3.2	Ghisa grigia lamellare Rm 600 ÷ 1000 N/mm², 180 ÷ 300 HB		
	<i>Lamellar grey cast iron - Fonte grise lamellaire</i>		
	W-Nr.	DIN - Germany	UNI - Italy
	0.6015	GG-15	G 15
3.3	Ghisa sferoidale Rm < 1000 N/mm², < 300 HB		
	<i>Nodular cast iron - Fonte ductile</i>		
	W-Nr.	DIN - Germany	UNI - Italy
	0.6020	GG-20	G 20
3.3	Ghisa sferoidale Rm < 1000 N/mm², < 300 HB		
	<i>Nodular cast iron - Fonte ductile</i>		
	W-Nr.	DIN - Germany	UNI - Italy
	0.6025	GG-25	G 25
	0.6030	GG-30	G 30
	0.6035	GG-35	G 35
	0.6040	GG-40	G 40
	0.7033	GGG-35.3	-
	0.7040	GGG-40	GS400-12
	0.7043	GGG-40.3	GSO 42/17
	0.7050	GGG-50	GS500-7
	0.7060	GGG-60	GS600-3
	0.7070	GGG-70	GS700-2
0.7080	GGG-80	GS800-2	
0.7670	GGG-Ni22	-	
0.7683	GGG-Ni35	-	
0.7660	GGG-NiCr20-2	-	
0.7677	GGG-NiCr30-1	-	
0.7685	GGG-NiCr35-3	-	
3.4	Ghisa malleabile Rm < 700 N/mm², < 210 HB		
	<i>Malleable cast iron - Fonte malléable</i>		
	W-Nr.	DIN - Germany	UNI - Italy
	0.8035	GTW-35-04	-
	0.8045	GTW-45-07	-
	0.8145	GTS-45-06	-
3.5	Ghisa vermicolare a grafite compatta Rm 700 ÷ 1000 N/mm², 200 ÷ 300 HB		
	<i>Compacted cast iron with vermicular graphite - Fonte vermiculaire à graphite compacté</i>		
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
			(CGI)
			(GGV)
		(GJV)	

4 Alluminio, Magnesio - Aluminium, Magnesium - Alliage, Magnésium				
Alluminio / Magnesio non legato Rm < 350 N/mm², < 100 HB				
4.1	<i>Aluminium / Magnesium unalloyed - Aluminium / Magnésium non allié</i>			
	W-Nr.	DIN - Germany	UNI - Italy	
	3.0205	Al99	3567 (9001/1)	
	3.0255	Al99.5	4507 (9001/2)	
	3.0285	Al99.8	4509 (9001/4)	
	3.0305	Al99.9	-	
	3.3208	Al99.9MgSi	-	
	3.3308	Al99.9Mg0.5	-	
	3.3318	Al99.9Mg1	-	
Leghe di Al, Si < 0,5% - truciolo lungo Rm < 500 N/mm², < 150 HB				
4.2	<i>Al alloys, long chipping - Alliage, copeaux longs</i>			
	W-Nr.	DIN - Germany	UNI - Italy	
	3.0505	AlMn0.5Mg0.5	(AISI 3105)	
	3.0915	AlFeSi	(AISI 8011A)	
	3.3315	AlMg1	5764 (5005, Peraluman100)	
	3.3525	AlMg2Mn0.3	(AISI 5251)	
	3.3527	AlMg2Mn0.8	(AISI 5049)	
	3.3545	AlMg4Mn	(AISI 5086)	
	3.3555	AlMg5	(AISI 5056A)	
	3.0615	AlMgSiPb	(AISI 6012)	
	3.1255	AlCuSiMn	3581 (AISI2014)	
	3.1325	AlCuMg1	3579 (AISI 2017A, Avional 100)	
	3.1355	AlCuMg2	3583 (AISI 2024, Avional 150)	
	3.3547	AlMg4.5Mn	7790 (AISI 5083, Peraluman 460)	
	3.3206	AlMgSi0.5	3569 (AISI 6060, Anticorodal 050)	
	3.2315	AlMgSi1	3571 (AISI 6082, Anticorodal 110)	
	3.4365	AlZnMgCu1.5	3735 (AISI 7075, Ergal 55)	
	Si < 0,5%	3.1371	G-AlCu4TiMg	-
	Leghe da getti	3.3241	G-AlMg3Si	-
	<i>Al casting alloys</i>	3.3261	G-AlMg5Si	-
	<i>Tarauds pour alliages coulée</i>	3.3541	G-AlMg3	-
Leghe di Al, Si < 10% - truciolo medio Rm < 500 N/mm², < 150 HB				
4.3	<i>Al alloys, medium chipping - Alliage Al - copeaux moyen</i>			
	W-Nr.	DIN - Germany	UNI - Italy	
	Si < 10%	3.2134	G-AlSi5Cu1Mg	3600
	Leghe da getti	3.2161	G-AlSi8Cu3	5075
	<i>Al casting alloys</i>	3.2162.05	GD-AlSi8Cu3	-
	<i>Tarauds pour alliages coulée</i>	3.2371	G-AlSi7Mg	7257
		3.2373	G-AlSi9Mg	3051
Leghe Al, Si > 10% - truciolo corto Rm < 600 N/mm², < 180HB				
4.4	<i>Al alloys, short chipping - Alliage Al - copeaux courts</i>			
	W-Nr.	DIN - Germany	UNI - Italy	
	Si > 10%	3.2381	G-AlSi10Mg	3049
	Leghe da getti	3.2383	G-AlSi10Mg(Cu)	-
	<i>Al casting alloys</i>	3.2581	G-AlSi12	5079
	<i>Tarauds pour alliages coulée</i>	3.2583	G-AlSi12(Cu)	3048

Continua leghe di Magnesio / Continue Magnesium alloys / Alliages de Magnésium à suivre ➤

4.5	Leghe standard di magnesio Rm 120 ÷ 300 N/mm²			
	<i>Magnesium standard alloys - Alliages de magnésium standards</i>			
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.	
	3.5200	MgMn2	(MAGNUMINIUM 133)	
	3.5312	MgAl3Zn	(AZ31)	
	3.5632	MgAl6Zu3	(AZ63)	
4.6	Leghe di magnesio ad alta resistenza Rm 240 ÷ 400 N/mm², 70 ÷ 120 HB			
	<i>High strength magnesium alloys - Alliages de magnésium de haute résistance</i>			
	3.5161	MgZn6Zr	(ZK60)	
	3.5612	MgAl6Zn1	(AZ61)	
5	RAME - Cooper - Cuivre			
5.1	Rame puro, rame elettrolitico - truciolo lungo Rm < 350 N/mm², < 100 HB			
	<i>Cooper unalloyed, long chipping - Cuivre pur, cuivre électrolytique, copeaux longs</i>			
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.	
	2.0040	OF-Cu	-	
	2.0060	E-Cu57	-	
	2.0065	E-Cu58	-	
	2.0070	Se-Cu	-	
5.2	Leghe di rame, α ottone - truciolo lungo Rm < 700 N/mm², < 200 HB			
	<i>Cooper alloys, soft brass, long chipping - Alliages de cuivre, αlaiton, copeaux longs</i>			
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.	
	2.0240	CuZn15, Ms85	-	
	2.0250	CuZn20, Ms80	-	
	2.0265	CuZn30, Ms70	-	
	2.0280	CuZn33, Ms67	-	
	2.0321	CuZn37, Ms63	-	
	2.0335	CuZn36, Ms64	-	
	2.1016	CuSn4	-	
Bronzo / Bronze	2.1020	CuSn6	-	
	2.1030	CuSn8	-	
	2.1080	CuSn6Zn6	-	
5.3	Leghe di rame, β ottone, bronzo - truciolo corto Rm < 700 N/mm², < 200 HB			
	<i>Cooper alloys, hard brass, bronze, short chipping - Alliages de cuivre, βlaiton, bronze, copeaux courts</i>			
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.	
	2.0360	CuZn40 (Ms60)	-	
	2.0380	CuZn39Pb2 (Ms58)	-	
	2.0410	CuZn44Pb2 (Ms56)	-	
	2.0510	CuZn37Al1	-	
	2.0550	CuZn40Al2	-	
	2.0561	CuZn40Al1	-	
	2.0580	CuZn40Mn1Pb	-	
	2.2140	G-ZnAl4	(ZAMAK)	
	Bronzo / Bronze	2.1086	G-CuSn10Zn	-
		2.1093	G-CuSn6ZnNi	-
2.1096		G-CuSn5ZnPb	-	

Continua Bronzo / Continue Bronze / Bronze à suivre ➤

5.4	Bronzo ad alta resistenza Rm < 1500 N/mm², < 440 HB		
	<i>High strength bronze - Bronze haute résistance</i>		
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
	2.0932	CuAl8Fe3	(Ampco12)
	2.0936	CuAl10Fe3Mn2	(Ampco16, Ampco 15)
	2.0940	CuAl10Fe	-
	2.0966	CuAl10Ni5Fe4	(Ampco)
	2.0978	CuAl11Ni6Fe5	-
-	CuAl11Fe4	(Ampco 20)	
2.0882	CuNi30MnFe	-	
6	Titanio - Titanium - Titane		
6.1	Titanio non legato Rm < 700 N/mm², < 200 HB		
	<i>Titanium unalloyed - Titane non allié</i>		
	W-Nr.	DIN - Germany	Altro / Other / Autres
	3.7024	Ti99.8	T35, Grade 1
	3.7034	Ti99.7	T40, Grade 2
3.7055	Ti99.6	T50, Grade 3	
3.7064	Ti99.5	T60, Grade 4	
6.2	Leghe di titanio Rm < 900 N/mm², < 270 HB		
	<i>Titanium alloys - Alliages de titane</i>		
6.3	Leghe di titanio Rm < 1400 N/mm², < 410 HB		
	<i>Titanium alloys - Alliages de titane</i>		
	W-Nr.	DIN - Germany	Altro / Other / Autres
	3.7124	TiCu2	-
	3.7154	TiAl6Zr5	-
	3.7164, 3.7165	TiAl6V4	Grade 5
3.7174	TiAl6V6Sn2	-	
3.7184	TiAl4Mo4Sn2	-	
7	Nichel - Nickel - Nickel		
7.1	Nichel non legato Rm < 500 N/mm², < 150 HB		
	<i>Nickel unalloyed - Nickel non allié</i>		
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
	1.3911	Rni24	-
	1.3926	Rni12	-
	1.3927	Rni8	-
	2.4061	Ni99,6	Nickel 205
	2.4066	Ni99,2	Nickel 200
2.4068	LC-Ni99	Nickel 201	
7.2	Leghe di Nichel Rm < 900 N/mm², < 270 HB		
<i>Nickel alloys - Alliages de Nickel</i>			
7.3	Leghe di Nichel Rm < 1600 N/mm², < 470 HB		
	<i>Nickel alloys - Alliages de Nickel</i>		
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
	1.3912	X2Ni36	Invar
2.4360	NiCu30Fe	Monel 400	
2.4375	NiCu30Al	Monel K500	

Continua leghe Nichel / Continue Nickel alloys / Alliages de Nickel à suivre ➤

7.2 – 7.3	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
	2.4602	NiCr17Mo17FeW	Hastelloy C
	2.4630	Ni-Cr20Ti	Nimonic 75
	2.4631	NiCr20TiAl	Nimonic 80A
	2.4634	NiCo20Cr15MoAlTi	Nimonic 105
	2.4636	NiCo15Cr15MoAlTi	Udimet 700
	2.4654	NiCr20Co14MoTi	Waspaloy
	2.4662	NiCr13Mo6Ti3	Nimonic 901
	2.4665	NiCr22Fe18Mo	Hastelloy X
	2.4668	NiCr19Fe19NbMo	Inconel 718
	2.4670	G-NiCr13Al6MoNb	Nimocast 713
	2.4674	NiCo15Cr10MoAlTi	Nimocast PK24
	2.4816	NiCr15Fe	Inconel 600
	2.4856	NiCr22Mo9Nb	Inconel 625
8	Materie plastiche - Synthetic materials - Matériaux de plastique		
8.1	Materiali termoplastici - truciolo extralungo Rm < 80 N/mm² <i>Thermoplastics, extra long chipping - Matériaux thermoplastique, coupeaux extra-longue</i>		
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
	-	-	ABS
	PE	Polyethylene	Hostalen
	PP	Polypropylene	Hostalen PP
	PVC	Polyvinyl chloride	Hostalit, Vestolit, Vinoflex
	PS	Polystyrene	Polystyrol
	PMMA	Polymethyle acryle	Plexiglas
	PTFE	Polytetrafluorethylene	Teflon
	PA	Polyamide	Nylon, Ultramid
	PC	Polycarbonate	Makralon
	PI	Thermoplastic polyamide	Kinel
8.2	Materiali termoindurenti - truciolo corto Rm < 110 N/mm² <i>Thermosetting plastics, short chipping - Matériaux thermodurcissables, coupeaux courts</i>		
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
	PF	Phenol formaldehyde	Pertinax
	MF	Melamine formaldehyde	Albanit, Resopal
	UF	Urea formaldehyde	Bakelite
8.3	Materie plastiche con fibre di rinforzo Rm 800 ÷ 1500 N/mm², 240 ÷ 440 HB <i>Reinforced plastic materials - Plastiques avec fibres de renfort</i>		
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
	AFK	Aramid	Kevlar
	BFK	Boron	Boro
	CFK	Carbon fibre	Resine + Fibra di carbonio
	GFK	Glass fibre	Resine + fibre di vetro
	SFK	Synthetic fibre	Resine + fibre sintetiche

9	Materiali Speciali - <i>Special Materials</i> - <i>Matériaux spéciaux</i>		
9.1	Materiali metallo – ceramici (Cermets) Rm < 1700 N/mm², < 51 HRC		
	<i>TIC - Hard materials - Matériaux métalliques, céramiques (Cermet)</i>		
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
			Ferritan
			Ferro Titanit
			Ferrotic
9.2	Leghe a base Cobalto Rm < 1200 N/mm², < 350 HB		
	<i>Alloys on cobalt base - Alliages à base de cobalt</i>		
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
			AiResist
			Biodur
			Celsit
			Haynes Alloy
			Stellite
9.3	Leghe di tungsteno Rm < 1800 N/mm², < 52 HRC		
	<i>Tungsten alloys - Alliages de tungstène</i>		
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
			Anviloy
			Denal
			Densimet
			Mallory
10	Grafite - <i>Graphite</i>		
10.1	Grafite Rm < 100 N/mm²		
	<i>Graphite</i>		
	W-Nr.	DIN - Germany	Denom. comm./Trade name/Nom comm.
			Graphit R8340
			Technograph 15
			Technograph 30
			R8510
			R8650
			Union Poco EDM1
			Union Poco EDM3