Hetraco B.V.

Bolt and fixing products – Specials – Turning/milling – Pressing – Bending

for machine manufacturing, chemical industry, offshore and industry

Hetraco B.V.

Hetraco B.V. was founded in 1972 by Herman Hendriksen. The name Hetraco B.V. is an abbreviation of Hendriksen Trading Company. Hendriksen started selling turned, die-cast and bended products to industry and machine manufacturing companies from his home. In 1982, Kees Eindhoven took over Hetraco B.V. and the company shifted its activities more towards the chemical industry and offshore, sectors which require fast delivery of special bolts, nuts and studs. To meet this need, Mark Eindhoven started his own production company, under the name Dutch Bolting Company B.V. In 2004, Hetraco B.V. was also acquired. This resulted in the ideal combination of an organization both purchasing and selling all types of fixing materials available in the market, with the addition of the in-house production of 'specials'.

Our high quality is guaranteed because we only work with certified suppliers.

2014

Hetraco B.V. has experienced enormous growth, and we are now a specialist supplier of non-standard fixing materials, turning/milling work, press and bending work. We always attempt to offer products to our customers with various delivery times. Good service, customer focus and accurate product specifications are important for us. Our flexible delivery times are one of the reasons why customers keep coming back. Hetraco B.V. always tries to deliver products at a competitive price. In the future, Hetraco B.V. wants to continue growing, creating a stronger and even more solid organization.

Quality & certification

Hetraco B.V. has a quality policy to guarantee and control product quality. We only work with certified suppliers and try to use European source materials in our products.

We offer the following certification options:

- 2.1 certificate in accordance with EN 10204
- 2.2 certificate in accordance with EN 10204
- 3.1 certificate in accordance with EN 10204
- 3.2 certificate in accordance with EN 10204

(TüV or Lloyds Register classification standards)

Production

Hetraco B.V. stocks many special bolt and fixing products, but can also produce these in-house. Our own production company Dutch Bolting Company B.V. has a range of very extensive and modern machines.

Metal turning

We have the disposal of 15 CNC lathes for quick and accurate metal turning. We can do lathing work with diameters between 4mm and 500mm, up to 6000mm long.

Milling

All regular milling work is done on 5 CNC machines.

Screw thread rolling

We specialize in screw thread rolling. We have 5 special rolling machines at our factory, enabling us to roll all types of screw threads. After rolling, the quality is always checked using a screw thread gauge (bolt ring gauge).

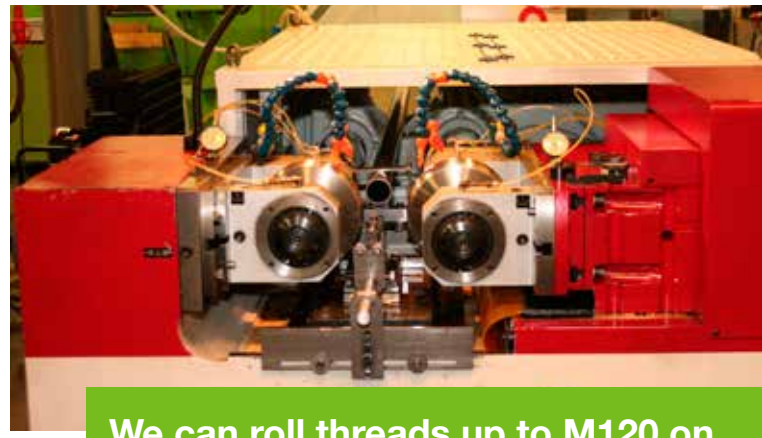
Extensive thread rolling collection:

Metric & Metric Fine	M5 - M120
UNC & UNF	1/4” - 4”
BSW & BSF	1/4” - 3”
G & BSP	1/8” - 2”

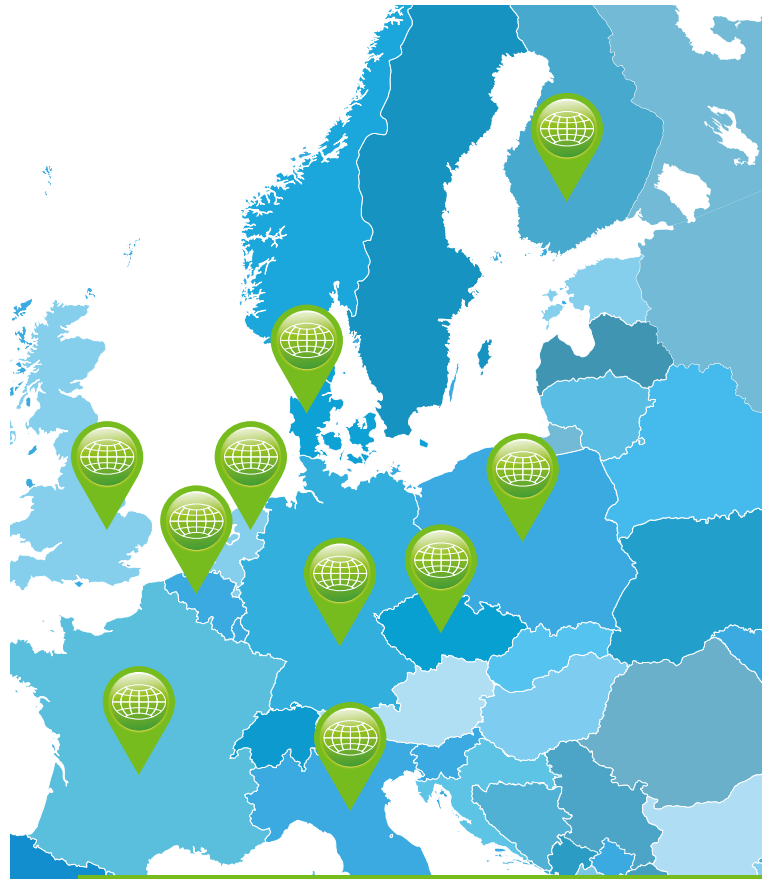
Types of materials

Because we have diverse rod materials in stock, Hetraco B.V. has become an important supplier on the European market.

We have large numbers of standard size bolts, nuts and washers in stock, in various stainless steel and heat-resistant materials.



We can roll threads up to M120 on this thread rolling machine.



Hetraco B.V. supplies to companies in e.g.: Belgium, Germany, Denmark, Finland, France, Great Britain, Italy, the Netherlands, Poland, Czech Republic, China and India.

Materials according to ASTM standard

- A193-B5
- A193-B6
- A193-B7 / B7M
- A193-B16
- A193-B8 / B8A
- A193-B8C / B8CA
- A193-B8M / B8MA / B8M2 / B8M3
- A193-B8S / B8SA
- A193-B8T / B8TA

- A194-2H / 2HM
- A194-3
- A194-4
- A194-6
- A194-6F
- A194-7 / 7M
- A194-8 / 8A
- A194-8C / 8CA
- A194-8M / 8MA
- A914-8T / 8TA
- A194-8F / 8FA
- A194-8R/ 8RA
- A194-8S / 8SA

- A320-L7 / L7M
- A320-L7C
- A320-L43
- A320-B8 / B8A
- A320-B8C / B8CA
- A320-B8M / B8MA
- A320-B8F / B8FA
- A320-B8T / B8TA

- A182-F5
- A182-F12
- A182-F22
- A182-F6a
- A182-F429
- A182-F430
- A182-F304
- A182-F304H
- A182-F304L
- A182-F310
- A182-F316
- A182-F316H
- A182-F316L

- A182-F317L
- A182-F321
- A812-F321H
- A182-F347
- A182-F348
- A182-FXM-19
- A182-F20
- A182-F44
- A182-F51
- A182-F53
- A182-F55
- A182-F61
- A182-F904L

- A286
- A307 Gr. B

- A354 Gr. BC
- A453 Gr. 660
- A563 Gr. A

Hetraco B.V. can also supply products in accordance with the following standards: AFNOR, AISI, ANSI, ASME, B.S., JiS, öNorm, SAE, SS, UNI/UNE and UNS

Machine manufacturing

Hetraco B.V. supplies certified bolts, nuts and studs for the largest compressors in the world.

Chemical industry

M110 cap nuts and tread ends in a urea production plant.

Offshore

Hetraco B.V. regularly supplies products to offshore companies, where short delivery times and high quality are a priority.

Industry

Hetraco B.V. supplies specials in various alloys to heavy industry, which are produced based on blueprints.

Materials according to material number

Structural steels		
Material number	DIN norm	Marking/Trade name
1.0037	St 37-2	
1.0570	St 52-3	

Case hardening steels		
Material number	DIN norm	Marking/Trade name
1.0401	C15	
1.0402	C22	XK
1.0460	C22.8	
1.0501	C35	Y
1.1127	36Mn6	
1.1181	CK35	YK
1.1191	CK45	
1.1221	CK60	
1.5122	37MnSi5	
1.5752	15NiCr13	
1.5918	17CrNi6-6	
1.6546	40NiCrMo2-2	
1.6562	40NiCrMo8-4	
1.6580	30CrNiMo8	
1.6582	34CrNiMo6	BP
1.6587	18CrNiMo7-6	
1.6959	35NiCrMoV12-5	
1.7033	34Cr4	
1.7035	41Cr4	
1.7131	16MnCr5	
1.7147	20MnCr5	
1.7160	16MnCrB5	ZF6
1.7168	18MnCrB5	ZF7
1.7218	25CrMo4	KG
1.7220	34CrMo4	DC
1.7225	42CrMo4	7225/B7/L7
1.7227	42CrMoS4	
1.7228	50CrMo4	
1.7707	30CrMoV9	
1.7735	14CrMoV6-9	
1.8159	50CrV4	DB
1.8509	41CrAlMo7	
1.8519	31CrMoV9	
1.8521	15CrMoV5-9	
1.8550	34CrAlNi7	

Tough at subzero steels		
Material number	DIN norm	Marking/Trade name
1.5662	X8Ni9	5662 (> -200ºC)
1.5680	X12Ni5	KB (> -120ºC)
1.6909	X5CrMnNiN18-9	AK / 6909 (> -196ºC)
1.7219	26CrMo4	KA (> -60ºC)

High temperature constructional steels		
Material number	DIN norm	Marking/Trade name
1.1181	CK35	YK (< 350ºC)
1.1191	CK45	1191 (< 450ºC)
1.5415	15Mo3 / 16Mo3	Q (< 530ºC)
1.6368	15NiCuMoNb5	6368
1.7258	24CrMo5	G (< 400ºC)
1.7335	13CrMo4-4	R (< 530ºC)
1.7380	10CrMo9-10	7380
1.7709	21CrMoV5-7	GA (< 540ºC)
1.7711	40CrMoV4-7	GB/B16
1.7729	20CrMoVTi B4-10	7729 (< 565ºC)
1.7733	24CrMoV5-5	7733 (< 530ºC)

Steels for high-pressure hydrogenation vessels		
Material number	DIN norm	Marking/Trade name
1.7218	25CrMo4	KG
1.7362	12CrMo19-5	7362/501
1.7729	20CrMoVTi B4-10	7729 (Durehete 1055)

Heat-resisting steels		
Material number	DIN norm	Marking/Trade name
1.4713	X10CrAl7	Sicro 8
1.4742	X10CrAl8	Sicro 10
1.4762	X10CrAl24	Sicro 12 / (446)
1.4828	X15CrNiSi20-12	4828/309
1.4833	X12CrNi24-12	4833/309S
1.4835	X9CrNiSiNCe21-11-2	253MA
1.4841	X15CrNiSi25-20	4841 / 310 / 314
1.4845	X12CrNi25-21	310S
1.4864	X12NiCrSi36-16	4864 / RA330
1.4876	X10NiCrAlTi32-20	4876 / 800 / 800H / 800HT
1.4878	X12CrNiTi18-9	4878 / 321

High-temperature resisting steels		
Material number	DIN norm	Marking/Trade name
1.4901	X10CrWMoVNb9-2	4901
1.4903	X10CrMoVNb9-1	4903
1.4910	X3CrNiMoN17-13	4910
1.4913	X19CrMoVNbN11-1	VW (< 850ºC)
1.4921	X19CrMo12-1	M
1.4923	X22CrMoV12-1	V (< 580ºC)
1.4961	X8CrNiNb16-13	4961
1.4980	X5NiCrTi26-15	SD (< 650ºC)/660/A286
1.4981	X8CrNiMoNb16-16	O
1.4986	X8CrNiMoBNb16-16	S (< 650ºC)

Stainless steels		
Material number	DIN norm	Marking/Trade name
1.3964	X2CrNiMnMoNNb21-16-5-3	XM19 / S20910
1.4000	X6Cr13	410S/403
1.4005	X12CrS13	416
1.4006	X12Cr13	C1 / 410 / B6
1.4016	X6Cr17	430
1.4021	X20Cr13	B / 420
1.4028	X30Cr13	420F
1.4057	X20CrNi16-2	C3-80 / 431
1.4104	X14CrMoS17	C4 / 430F
1.4112	X90CrMoV18	440B
1.4122	X39CrMo17-1	BL
1.4125	X105CrMo17	440C
1.4301	X5CrNi18-9	Az / AD / 304 / B8 /304H
1.4303	X5CrNi18-12	305 / 308 / B8P
1.4305	X8CrNiS18-9	MH / 303
1.4306	X2CrNi19-11	AN / 304L
1.4307	X2CrNi18-9	304L
1.4313	X3CrNiMo13-4	BE / CA6-NM
1.4401	X5CrNiMo17-12-2	A4 / MB / 316 /316H
1.4404	X2CrNiMo17-12-2	A4 / 316L

Materials according to material number

1.4418	X4CrNiMo 16-5-1	
1.4435	X2CrNiMo18-14-3	A4 / 316L
1.4436	X5CrNiMo17-13-3	A4 / 316
1.4438	X2CrNiMo18-16-4	317L
1.4439	X2CrNiMoN17-13-5	317LMN
1.4449	X3CrNiMo18-12-3	317
1.4460	X4CrNiMoN27-5-2	U / 329
1.4529	X1NiCrMoCuN25-20-6	4529
1.4539	X1NiCrMoCu25-20-5	4539 / 904L
1.4541	X6CrNiTi18-10	MG / 321 / B8T /321H
1.4542	X5CrNiCuNb17-4	17-4PH / 630
1.4548	X5CrNiCuNb17-4-4	17-4PH / 630
1.4550	X6CrNiNb18-10	AB / 347 / 348 / B8C
1.4562	X1NiCrMoCu32-28-7	Alloy 31
1.4571	X6CrNiMoTi17-12-2	MC / 316Ti

Duplex and superduplex stainless steels		
Material number	DIN norm	Marking/Trade name
1.4410	X2CrNiMoN25-7-4	4410 / S32750
1.4462	X2CrNiMoN22-5-3	T / S31803
1.4501	X2CrNiMoCuWN25-7-4	4501 / S32760
1.4507	X2CrNiMoCuN25-6-5	4507 / S32550 / A182 F61
1.4547	X1CrNiMoCuN20-18-7	254SMO / S31254

Nickel and nickel alloys		
Material number	DIN norm	Marking/Trade name
1.3912	Ni36	Alloy 36
1.3917	Ni42	Alloy42
2.4066	Ni99,2	Nickel 200
2.4068	LC-Ni99	Nickel 201
2.4360	NiCu 30 Fe	Monel 400
2.4375	NiCu 30 Al	Monel K-500
2.4600	NiMo29Cr	Hastelloy B3
2.4602	NiCr12Mo14W	Hastelloy C22
2.4605	NiCr23Mo16Al	Alloy 59
2.4610	NiMo16Cr16Ti	Hastelloy C4/B3
2.4617	NiMo28	Hastelloy B2/B3
2.4633	NiCr 25 FeAl	Alloy 602
2.4660	NiCr20CuMo	Alloy 20CB3
2.4663	NiCr23Co12Mo	Inconel 617
2.4665	NiCr22Fe18Mo	Hastelloy X
2.4668	NiCr19Fe19Nb5Mo3	Inconel 718
2.4669	NiCr 15 Fe 7 TiAl	Inconel X-750
2.4733	NiCr22W14Mo	Haynes 230
2.4816	NiCr15Fe	Inconel 600
2.4819	NiMo16Cr15W	Hastelloy C-276
2.4851	NiCr23Fe	Inconel 601
2.4856	NiCr22Mo9Nb	Inconel 625
2.4858	NiCr21Mo	Incoloy 825
2.4951	NiCr20Ti	Nimonic 75
2.4952	NiCr 20 TiAl	Nimonic 80 A
2.4964	CoCr 20 W 15 Ni	Haynes 25 / Alloy L605

Non-ferrous metals		
Material number	DIN norm	Marking/Trade name
2.0060	E-Cu57	CU1
2.0265	CuZn30	MS70 / CW505L
2.0321	CuZn37	CU2 / MS63 / CW508L
2.0360	CuZn40	MS60 / CW509L
2.0401	CuZn39Pb3	CU3 / MS58 / CW614N
2.0470	CuZn28Sn1	
2.0490	CuZn31Si1	CW708R
2.0500	CuZn23Al6	
2.0530	CuZn38Sn1	
2.0540	CuZn35Ni2	
2.0550	CuZn40Al2	
2.0561	CuZn40Al1	
2.0572	CuZn40Mn2	
2.0598	CuZn25Al5	
2.0853	CuNi1,5Si	CU5
2.0855	CuNi2Si	
2.0872	CuNi10Fe1Mn	
2.0920	CuAl8	
2.0932	CuAl8Fe3	
2.0936	CuAl10Fe3Mn2	
2.0940	CuAl10Fe	
2.0960	CuAl9Mn2	
2.0962	CuAl8Mn	
2.0966	CuAl10Ni5Fe4	CU7 / C63000
2.0970	CuAl9Ni	
2.0975	CuAl10Ni	
2.1020	CuSn6	CU4
2.1030	CuSn8	
2.1050	CuSn10	
2.1052	CuSn12	
2.1090	CuSn7ZnPb	RG7
2.1096	CuSn5ZnPb	RG5
2.1176	CuPb10Sn	
2.1182	CuPb15Sn	
2.1247	CuBe2	
2.1285	CuCo2Be	
2.1293	CuCrZr	
2.1525	CuSi3Mn	Everdur 655
3.0615	AlMgSiPb	EN_AW6012
3.1255	AlCuSiMn	EN_AW2014T6
3.1645	AlCuMgPb	EN_AW2007T4
3.2315	AlMgSi1	EN_AW6082T6
3.3206	AlMgSi0,5	EN_AW6060T66
3.3535	AlMg3	EN_AW5754H26
3.3547	AlMg4,5Mn	EN_AW5083H112
3.4365	AlZnMgCu1,5	EN_AW7075T6/T73

Titanium and titanium alloys		
Material number	DIN norm	Marking/Trade name
3.7025	Ti99,8	Titanium Grade 1
3.7035	Ti99,7	Titanium Grade 2
3.7105		Titanium Grade 12
3.7124	TiCu2	
3.7164 / 3.7165	TiAl6V4	Titanium Grade 5
3.7235		Titanium Grade 7