SUMINISTRO INDUSTRIAL

PEGAMO

AMPCO SAFETY TOOLS®

PROTECTING LIVES SINCE 1922

› NON-SPARKING, NON-MAGNETIC, CORROSION RESISTANT
› FUNKENFREI, AMAGNETISCH, KORROSIONSBESTÄNDIG
› ANTIÉTINCELLES, AMAGNÉTIQUES, INOXYDABLES
› SIN CHISPAS, SIN MAGNETISMO, RESISTENTE A LA CORROSIÓN

ENGINEERED AND MANUFACTURED BY AMPCO METAL
www.safetytools.com

TOOLS AS PRECIOUS AS LIFE®

AMPCO®

Wrenches, spanners, adjustable wrenches 08
Schraubenschlüssel, Verstellbare Schlüssel, Rollgabelschlüssel
Clés de tous types, clés à molette, clés anglaises
Llaves, Llaves de Cabeza Ajustable, Llaves Inglesa

Sockets, impacts, hex keys, hook, coupling, valve-wheel, bung wrenches 13
Steckschlüssel, -einsätze, Stift-, Haken-, Kupplungs-, Handradschlüssel, Ventilhaken
Douilles, clés à ergot, -mâle, -raccord de tuyau, -volant, -valve, clés universelles
Cubos, Llaves de Gancho, -Hexagonal, -Ansas Acopladas, -Giradora de Valvulas

Pliers, tweezers, adjustable pipe wrenches, tube cutter 22
Zangen, Pinzette, Verstellbare Rohrschlüssel, Rohrabschneider
Pinces, pincettes, clés serre-tubes, coupe-tubes
Alicates, Pinzas, Pinzetas, Cortadora tubo

Hammers, sledge hammers, axes, hatchet 24
Hämmer, Fäustel, Schlägel, Axt, Beil
Marteaux, massettes, haches, hachettes
Martillos, Acotillos, Mazos, Hachas, Hachuelas

Screwdrivers, screwdriver sets 27
Schraubendreher, Schraubendreher-Sätze
Tournevis, ensembles de tournevis
Destornilladores y Juegos

Punches, pins, scriber, awl 27
Durchtreiber, Dorne, Körner, Reissnadel, Ahle
Broches, chasse-clou, -goupilles, poinçons, goupilles, alène
Batadores, Punzónes, Pernos, Rayador, Lesna

Knives, spatulas, scrapers, mop holder 29
Messer, Spachtel, Spachtelmesser, Schaber, Wischtuchhalter
Couteaux, grattoirs, spatules, porte-faubert
Cuchillos, Espátulas, Raspadores, Sujetador

Brushes, power brushes, brooms 32
Hand-, Maschinenbürsten, Besen, Schrubber
Brosses à main, brosses circulaires, balais
Cepillos, Cepillos Circulares, Pinceles, Escobas

Files, saws, saw blades, shears, snips 34
Feilen, Sägen, Sägeblätter, Scheren, Blechscheren
Limes, scies, lames de scie, ciseaux
Limas, Sierras, Hojas de Sierra, Tijeras

Chisels, pneumatic chisels, wedges, caulking tools, crowbars, flange spreader 35
Meissel, Pressluftmeissel, Keile, Flanschlöser, Stemmwerkzeuge, Brechstangen
Burins, burins pneumatiques, coins, décolleur, matoirs, pinces
Cinceles, -Neumáticos, Cuñas, Herramientas de Rematar, Barras, Veleta Difusora

Shovels, spades, pans, scoops, picks, hoes, forks, rake, spike 39
Schaufeln, Spaten, Hacken, Hauen, Gabeln, Rechen, Erdungsspieß
Pelles, bêches, houes, pics, pioches, fourches, râteau
Palas, Azadas, Azadones, Picos, Horquillas, Rastrillo

Clamps, vice, barrel hooks, crate-, drum opener, bucket, misc. 42
Schraubzwingen, Schraubstock, Fass-Gehänge, Kisten-, Fass-Öffner, Eimer, Andere
Serre-joint, étau, crochet à fût, ouvre-caisses et tonneaux, seau, autres
Prensas, Ganchos para Barril, Abre Cajas, Abridor de Toneles, Balde, Diversos

Toolkits 43
Werkzeug-Sortimente
Jeux d'outils
Juegos de Herramientas

PRODUCT INFORMATION

Non-sparking, non-magnetic hand tools were introduced by Ampco Metal in 1922. Today, Ampco Metal manufactures the widest range of safety tools available from a single manufacturer and maintains the Ampco traditions of highest quality and craftsmanship.

Ampco non-sparking products are intended for use in areas where a high risk of fire or explosion exists, as in the presence of flammable gases or liquids. Non-magnetic Ampco tools, made from a variety of Ampco alloys with a typical magnetic permeability between 1.01 and 1.2, are recommended in military applications, mine clearance operations and in the medical field, for MRI and other scanning equipment or equipment using large magnets. Outstanding corrosion resistance also make Ampco tools the professional's choice in the most demanding and aggressive environments, on land or water.

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Ampco safety tools are made from specially developed Ampco alloys, each with ideal characteristics selected for a specific tool or product range. The superior mechanical properties of Ampco alloys, approaching those of high-grade tool steel, the use of DIN Standards for design and rigorous control of the manufacturing process ensure the quality of all our products. Ampco tools are supplied unpainted and without aesthetic finishes, to highlight the integrity of a tool free from porosities or other imperfections.

Ampco Metal's confidence in its product is demonstrated by a full lifetime warranty, except countries where a lifetime warranty is not allowed by local law or verdicts, (e.g. Germany where the warranty is limited to 30 years). Any Ampco tool will be promptly replaced should it fail under normal use, as determined by inspection at our customer service department. Tools subjected to abuse, misuse or wrong applications or fair wear and tear are of course not covered by the warranty.

Ampco alloys for safety tools have been tested and approved by Factory Mutual Research Corporation under Classification 7910, for use as Non-Sparking, Non-Magnetic hand tools for use in hazardous environments. The use of non-sparking tools is recommended by OSHA (Occupational Safety and Health Administration), where flammable vapours or combustible products are present. Ampco tools are approved under the MIL-specification of the US Army and Navy, and under NATO standards. They have also been tested and approved by a number of German institutions: Bundesanstalt für Materialprüfung (BAM), BG Chemie, Staatliches Materialprüfungsamt Nordrhein-Westfalen (MPA NRW) and by the Central Mining Institute in Katowice, Poland.

Photos shown may differ from actual tool.
Exact appearance and/or specifications subject to change without notice.

PRODUKT INFORMATION

Ampco Metal begann bereits 1922 mit der Produktion und dem Vertrieb von funkenfreien, antimagnetischen Handwerkzeugen. Heute produziert Ampco Metal ein breites Spektrum an Sicherheitswerkzeugen, traditionell entsprechend den hohen Qualitäts- und Funktionalitäts-ansprüchen von Ampco.

Funkenfreie Ampco Produkte sind für Bereiche bestimmt, in denen eine gefährliche explosionsfähige Atmosphäre in Form von Gasen, Dämpfen, Nebel oder Stäuben vorhanden ist und dadurch das Risiko einer Explosion besteht. Antimagnetische Ampco Werkzeuge, hergestellt aus einer Vielfalt von Legierungen mit einer magnetischen Permeabilität zwischen 1.01 und 1.2, werden zum Beispiel in der Medizintechnik, in der Kernspin-Tomographie (MRT) oder auch in der Wehrtechnik zum Minenräumen eingesetzt.

OOLS

non-sparking

non-magnetic

corrosion resistant

Die hervorragende Korrosionsfestigkeit und Seewasserbeständigkeit macht Ampco Werkzeuge zur professionellen Wahl in den anspruchs-vollsten und aggressivsten Umgebungen zu Lande und zu Wasser.

Ampco Produkte werden aus eigens entwickelten Ampco Legierungen hergestellt, die die idealen Eigenschaften bezüglich der jeweiligen Anforderungen einer bestimmten Werkzeug- oder Produktpalette besitzen. Die überlegenen mechanischen Eigenschaften von Ampco Legierungen, die an jene von hochwertigem Werkzeugstahl grenzen, erlauben die geometrische Anlehnung an die DIN-Normen, wobei der kontrollierte Herstellungsprozess absolute Einheitlichkeit und höchste Qualität gewähr-leistet. Ampco Sicherheitswerkzeuge werden unlackiert und ohne Oberflächenbeschichtung ausgeliefert, um die einwandfreie Material-qualität frei von Porositäten oder anderen Fehlstellen hervorzuheben.

Die verwendeten Ampco Legierungen für Ampco Sicherheitswerkzeuge wurden in der Klassifikation 7910 durch die Factory Mutual Research Corporation zur Herstellung von funkenfreien, antimagnetischen Handwerkzeugen für den Gebrauch in gefährlicher Umgebung getestet und zugelassen. Die Verwendung von Sicherheitswerkzeugen wird von der Occupational Safety and Health Administration (OSHA) bei Vorkommen von leichtentzündlichen Dämpfen oder brennbaren Produkten empfohlen. Ampco Sicherheitswerkzeuge sind zugelassen in den MIL-Spezifikationen der US-Armee, US-Marine und in der NATO. Sie wurden von der Bundesanstalt für Materialprüfung, Berlin (BAM), der BG Chemie, dem Staatliches Materialprüfungsamt Nordrhein-Westfalen und dem Institut für den Bergbau, Katowice, Polen, getestet und genehmigt.

Unser Vertrauen in die hohe Güte und Qualität unserer Produkte wird durch eine Garantie auf Lebenszeit unterstrichen, ausgenommen Länder, deren Gesetze bzw. Rechtsprechung eine lebenslange Garantie nicht zulassen (z.B. Deutschland: Hier ist die Garantie auf 30 Jahre beschränkt). Jedes Ampco Werkzeug wird nach Begutachtung unseres Kundendienstes unverzüglich ersetzt, wenn es trotz sachgemäßer Verwendung zu Defekten kommen sollte. Missbrauch, unsachgemäße Handhabung oder üblicherweise auftretender Verschleiß sind von dieser Garantie ausgenommen.

Abbildungen können von aktuellen Werkzeugen abweichen.
Änderungen bei Maßen und Ausführungen bleiben vorbehalten.

INFORMATION PRODUIT

C'est en 1922 que le groupe Ampco Metal, producteur d'alliages spéciaux cuivreux, s'est lancé dans la fabrication des outils anti-étincelles et amagnétiques. Aujourd'hui, la Société Ampco Metal utilise tout le savoir-faire du groupe pour fabriquer la gamme d'outils de sécurité Ampco, utilisés et reconnus dans le monde entier.

Les outils anti-étincelles et amagnétiques Ampco font partie intégrante de la panoplie du professionnel exerçant son métier dans des environnements à fort risque d'explosion ou d'incendie, protégeant ainsi sa vie, celle des autres et les sites sur lesquels il intervient; par exemple raffineries, entrepôts, distribution de gaz, fabrication de poudre ou explosifs, maintenance de pipe-lines, plates-formes de forage pétrolier, silos à grain, ainsi que dans des cadres militaires comme le déminage.

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Les outils de sécurité Ampco sont aussi utilisés lors de la fabrication ou maintenance d'appareils médicaux (IRM, scanner) de par leurs propriétés amagnétiques. En effet, les alliages Ampco utilisés sont classifiés comme non magnétiques (perméabilité magnétique de 1.01 à 1.2) et garantissent une très bonne résistance à la corrosion, utile pour des travaux dans un environnement agressif aussi bien sur mer que sur terre.

Les outils de sécurité Ampco (la plus large offre du marché avec plus de 1500 références) sont produits à partir d'alliages spécialement développés par le groupe Ampco Metal. Chaque type d'outil est fabriqué avec l'alliage spécifique et parfaitement adapté à l'utilisation de ce dernier. Les propriétés mécaniques des alliages Ampco utilisés, proches des aciers de qualité, alliées à des procédés de fabrication rigoureux, garantit la qualité et fiabilité de l'outil sur l'ensemble des productions.

Les outils Ampco sont d'ailleurs livrés sans peinture et sans finition esthétique particulière afin de souligner l'absence de défaut des matières utilisées (porosités ou autres).

En raison de leur exceptionnelle qualité les outils de sécurité Ampco sont garantis à vie, (excepté pour les pays ou le concept de garantie à vie n'est pas permis par la législation (p.ex. en Allemagne où la garantie est limitée à 30 ans)). Si un outil vient à casser ou faire défaut en conditions normales d'utilisation il sera réparé ou remplacé gratuitement, après inspection par notre service qualité. Si la défaillance provient d'une utilisation anormale, d'un entretien insuffisant ou d'une usure normale de l'outil cette garantie ne pourra bien sûr pas être d'application.

Les outils de sécurité Ampco ont acquis une réputation indéfectible sur le marché mondial et ils sont considérés comme la référence en terme de qualité et de fiabilité à l'utilisation. Le FM (Factory Mutual Research Corporation) a validé les alliages Ampco pour outils sous la Réf. 7910 pour leurs caractéristiques anti-étincelles et amagnétiques. L'OSHA (Occupational Safety and Health Administration) recommande également les outils de sécurité pour utilisation dans des environnements contenant des vapeurs ou des matières inflammables. Les outils de sécurité Ampco ont obtenu la spécification «MIL» pour utilisation au sein de l'armée de terre et de mer (US Army et US Navy) et sont également classifiés par l'OTAN. Ils bénéficient également de nombreuses certifications allemandes telles que Bundesanstalt für Materialprüfung (BAM), BG Chemie, et Staatliches Materialprüfungsamt Nordrhein-Westfalen (MPA NRW), ainsi que celle de l'Institut Central des Mines de Katowice en Pologne.

Les photos et informations sont données sous réserve de changements de spécifications, améliorations ou modifications de l'outil.

INFORMACIÓN DE PRODUCTO

Las herramientas manuales anti-chispas y anti-magnéticas fueron introducidas por el Grupo Ampco Metal en 1922. Hoy, Ampco Metal fabrica un espectro completo de herramientas de seguridad fieles a los ideales siempre constantes de Ampco, la calidad más alta y la mejor artesanía.

Los productos anti-chispa de Ampco se crean para el uso en las áreas donde existe un alto riesgo de fuego o de explosión debido a la presencia de gases o de líquidos inflamables. Las herramientas anti-magnéticas de Ampco, hechas de una variedad de aleaciones con una permeabilidad magnética típica entre 1.01 y 1.2, se recomiendan en usos militares, minería y en el campo médico, por ejemplo en el MRI, scanner y otros equipos de exploración. La excepcional resistencia a la corrosíon también hace de las herramientas de Ampco la opción de los profesionales más exigentes para los ambientes más agresivos, tanto en tierra como en agua.

Las herramientas Ampco están fabricadas con las características especiales para cada tipo de aplicación y gama de productos. Las características mecánicas superiores de las aleaciones Ampco, vecinas de las del acero de herramienta de alto grado, permiten el uso como guía de los estándares comunes DIN, mientras que un proceso de fabricación riguroso garantiza una uniformidad absoluta. Nuestras herramientas se suministran sin pintar y sin finales estéticos, para destacar la integridad de una herramienta libre de porosidad y de otras imperfecciones.

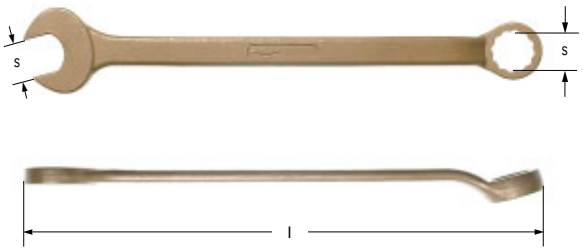
La confianza de Ampco Metal en su producto está demostrada por su garantía de por vida, excepto los países, en donde una garantía de por vida no es permitida por la ley o los veredictos locales (por ejemplo Alemania donde la garantía se limita a 30 años). Cualquier herramienta de Ampco será substituida si falla bajo uso normal, según lo determinado por la inspección en nuestro departamento de servicio de cliente. Las herramientas sujetadas al abuso, el uso erróneo o incorrecto, no están cubiertas por la garantía.

Las aleaciones Ampco de herramienta de seguridad Ampco han sido probadas y aprobadas por la Factory Mutual Research Corporation bajo clasificación 7910, para el uso como herramientas anti-chispa y anti-magnéticas en ambientes peligrosos. El uso de herramientas anti-chispa es recomendado por la Occupational Safety and Health Administration (OSHA) allí donde haya presencia de vapores inflamables o productos combustibles. Las herramientas de seguridad de Ampco son aprobadas bajo especificación MIL del ejército y de la marina de los E.E.U.U., y bajo estándares de la OTAN; también han sido probadas y aprobadas por organisaciones alemanas: el Bundesanstalt für Materialprüfung (BAM), BG Chemie y el Staatliches Materialprüfungsamt Nordrhein-Westfalen (MPA NRW), asi que por el Instituto Central Minero, Katowice en Polonia.

Las informaciones y fotos mostradas pueden diferir de las herramientas reales.
La aparencia exacta y/o las especificaciones son sujetas a cambios sin notificación.

Combination wrench
Ringmaulschlüssel
Clé mixte
Llave Combinada

DIN 3113



Part-No.	s mm	l mm	⚖ g	Part-No.	s inch	l mm	⚖ g	Ref.-No.
AA 0006	6	120	30	BA 0008	5/16	150	50	
AA 0007	7	120	30	BA 0009	3/8	150	50	W-601
AA 0008	8	150	50	BA 0010	13/32	175	75	W-601a
AA 0009	9	150	50	BA 0011	7/16	175	75	W-611
AA 0010	10	175	75	BA 0013	1/2	205	115	W-621
AA 0011	11	175	75	BA 0014	9/16	205	115	W-631
AA 0012	12	205	115	BA 0015	19/32	225	145	W-632
AA 0013	13	205	115	BA 0016	5/8	225	145	W-641
AA 0014	14	205	115	BA 0018	11/16	270	260	W-651
AA 0015	15	225	145	BA 0019	3/4	270	260	W-661
AA 0016	16	225	145	BA 0020	25/32	295	300	W-662
AA 0017	17	270	260	BA 0021	13/16	295	300	W-670
AA 0018	18	270	260	BA 0022	7/8	295	300	W-671
AA 0019	19	270	260	BA 0024	15/16	325	400	W-671b
AA 0020	20	295	300	BA 0025	31/32	325	400	W-670a
AA 0021	21	295	300	BA 0026	1	355	550	W-671a
AA 0022	22	295	300	BA 0027	1 1/16	355	550	W-672
AA 0023	23	325	400	BA 0029	1 1/8	390	690	W-673
AA 0024	24	325	400	BA 0030	1 3/16	390	690	W-673a
AA 0025	25	355	550	BA 0032	1 1/4	430	1000	W-674
AA 0026	26	355	550	BA 0033	1 5/16	430	1000	W-675
AA 0027	27	355	550	BA 0035	1 3/8	475	1100	W-676
AA 0028	28	390	690	BA 0037	1 7/16	475	1100	W-677
AA 0029	29	390	690	BA 0038	1 1/2	475	1100	W-678
AA 0030	30	390	690	BA 0039	1 9/16	525	1450	W-678a
AA 0032	32	430	1000	BA 0041	1 5/8	525	1450	W-679
AA 0034	34	430	1000	BA 0043	1 11/16	575	1900	
AA 0036	36	475	1100	BA 0044	1 3/4	550	1900	
AA 0038	38	475	1100	BA 0051	2	575	2200	
AA 0041	41	525	1450	BA 0056	2 3/16	575	2600	
AA 0046	46	550	1900	BA 0060	2 3/8	575	3150	
AA 0050	50	575	2200	BA 0065	2 9/16	575	4580	
AA 0055	55	575	2600	BA 0067	2 5/8	575	4580	
AA 0060	60	575	3150	BA 0070	2 3/4	575	4580	
AA 0065	65	575	4580					
AA 0070	70	575	4580					

Combination wrench, sets
Ringmaulschlüssel-Sätze
Clé mixte, jeux
Llave Combinada, Juego

Part-No.	Parts	s mm	⚖ g
AA 9009	9	6, 7, 8, 10, 13, 15, 17, 18, 19	1225
AA 9011	11	10, 13, 15, 17, 18, 19, 21, 22, 24, 27, 30	3355
AA 9014	14	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	2865

Double open end wrench
Doppelmaulschlüssel
Clé à fourche double
Llave de Boca Doble

DIN 895

Part-No.	s1 x s2 mm	l mm	⚖ g	Part-No.	s1 x s2 inch	l mm	⚖ g	Ref.-No.
AB 0607	6 x 7	95	25	BB 0608	1/4 x 5/16	100	30	W-697
AB 0608	6 x 8	100	30	BB 0809	5/16 x 3/8	115	40	
AB 0708	7 x 8	100	30	BB 0911	3/8 x 7/16	125	50	W-698
AB 0709	7 x 9	110	35	BB 1113	7/16 x 1/2	135	65	W-699
AB 0809	8 x 9	110	35	BB 1316	1/2 x 5/8	155	105	W-700
AB 0810	8 x 10	115	40	BB 1314	1/2 x 9/16	155	105	
AB 0910	9 x 10	115	40	BB 1416	9/16 x 5/8	170	130	W-704
AB 0911	9 x 11	125	50	BB 1419	9/16 x 3/4	185	165	W-706
AB 1011	10 x 11	125	50	BB 1518	19/32 x 11/16	185	165	
AB 1012	10 x 12	135	65	BB 1520	19/32 x 25/32	185	165	
AB 1013	10 x 13	125	65	BB 1618	5/8 x 11/16	185	165	
AB 1113	11 x 13	145	85	BB 1619	5/8 x 3/4	185	165	W-710
AB 1114	11 x 14	145	85	BB 1820	11/16 x 25/32	185	165	W-712
AB 1213	12 x 13	145	85	BB 1822	11/16 x 7/8	200	240	W-718
AB 1214	12 x 14	145	85	BB 1920	3/4 x 25/32	200	240	
AB 1314	13 x 14	145	105	BB 1921	3/4 x 13/16	200	240	W-720
AB 1315	13 x 15	155	105	BB 1922	3/4 x 7/8	200	240	W-722
AB 1415	14 x 15	155	105	BB 2022	25/32 x 7/8	200	240	W-724
AB 1416	14 x 16	155	105	BB 2122	13/16 x 7/8	200	240	
AB 1417	14 x 17	170	130	BB 2224	7/8 x 15/16	220	300	W-732
AB 1617	16 x 17	170	130	BB 2225	7/8 x 31/32	220	300	
AB 1618	16 x 18	170	130	BB 2226	7/8 x 1	240	390	W-736
AB 1719	17 x 19	185	165	BB 2227	7/8 x 1 1/16	240	390	W-738
AB 1819	18 x 19	185	165	BB 2426	15/16 x 1	240	390	
AB 1820	18 x 20	185	165	BB 2427	15/16 x 1 1/16	240	390	W-740
AB 1722	17 x 22	200	240	BB 2629	1 x 1 1/8	260	485	W-741
AB 1922	19 x 22	200	240	BB 2633	1 x 1 5/16	285	650	
AB 2022	20 x 22	200	240	BB 2732	1 1/16 x 1 1/4	285	650	W-748
AB 1924	19 x 24	220	300	BB 2933	1 1/8 x 1 5/16	285	650	W-750
AB 2123	21 x 23	220	300	BB 2737	1 1/16 x 1 7/16	310	850	
AB 2223	22 x 23	220	300	BB 2938	1 1/8 x 1 1/2	310	850	W-754
AB 2224	22 x 24	220	300	BB 3235	1 1/4 x 1 3/8	310	850	
AB 2227	22 x 27	240	390	BB 3237	1 1/4 x 1 7/16	310	850	W-756
AB 2326	23 x 26	240	390	BB 3338	1 5/16 x 1 1/2	310	850	
AB 2426	24 x 26	240	390	BB 3241	1 1/4 x 1 5/8	340	1150	W-760
AB 2427	24 x 27	240	290	BB 3538	1 3/8 x 1 1/2	340	1150	
AB 2528	25 x 28	260	485	BB 3741	1 7/16 x 1 5/8	340	1150	W-764
AB 2430	24 x 30	260	485	BB 3843	1 1/2 x 1 11/16	340	1150	
AB 2730	27 x 30	260	485	BB 4146	1 5/8 x 1 13/16	375	1500	W-772
AB 2732	27 x 32	285	650	BB 4144	1 5/8 x 1 3/4	375	1900	
AB 3032	30 x 32	285	650	BB 4348	1 11/16 x 1 7/8	375	1900	
AB 3034	30 x 34	310	850	BB 4651	1 13/16 x 2	415	1900	W-788
AB 3036	30 x 36	310	850	BB 4452	1 3/4 x 2 1/16	415	2500	
AB 3236	32 x 36	310	850	BB 5156	2 x 2 3/16	455	2500	
AB 3436	34 x 36	310	850	BB 5660	2 3/16 x 2 3/8	505	3200	
AB 3641	36 x 41	340	1150					
AB 4146	41 x 46	375	1500					
AB 4650	46 x 50	415	1900					
AB 5055	50 x 55	455	2500					
AB 5060	50 x 60	505	3200					
AB 5560	55 x 60	505	3200					
AB 6570	65 x 70	555	4600					

Double open end wrench, sets
Doppelmaulschlüssel-Sätze

Clé à fourche double, jeux
Llave de Boca Doble, Juego

Part-No.	Parts	s1 x s2 mm	⚖ g
AB 9008	8	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 20, 19 x 22	835
AB 9012	12	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 27 x 32, 30 x 34	2175

Single open end wrench

DIN 894

Einfachmaulschlüssel
Clé à fourche simple
Llave de Boca Sencilla

Part-No.	s mm	l mm	⚖ g
AE 0008	8	100	28
AE 0009	9	110	30
AE 0010	10	115	35
AE 0011	11	125	45
AE 0012	12	135	55
AE 0013	13	145	70
AE 0014	14	145	70
AE 0015	15	155	90
AE 0016	16	155	90
AE 0017	17	170	115
AE 0018	18	170	115
AE 0019	19	185	155
AE 0020	20	185	155
AE 0021	21	200	180
AE 0022	22	200	180
AE 0023	23	220	250
AE 0024	24	220	250
AE 0025	25	240	350
AE 0026	26	240	350
AE 0027	27	240	350
AE 0028	28	260	420
AE 0029	29	260	420
AE 0030	30	260	420
AE 0032	32	285	550
AE 0033	33	285	550
AE 0034	34	285	550
AE 0035	35	310	710
AE 0036	36	310	710
AE 0037	37	310	710
AE 0038	38	310	710
AE 0041	41	340	980
AE 0042	42	340	980
AE 0046	46	375	1160
AE 0047	47	375	1160
AE 0050	50	415	1660
AE 0052	52	415	1660
AE 0054	54	455	2210
AE 0055	55	455	2210
AE 0056	56	455	2210
AE 0058	58	505	2940
AE 0060	60	505	2940
AE 0063	63	505	2940
AE 0065	65	555	4000
AE 0067	67	555	4000
AE 0070	70	555	4000
AE 0071	71	555	4000
AE 0075	75	615	4800
AE 0077	77	615	4800
AE 0080	80	615	4800
AE 0082	82	690	6250
AE 0085	85	690	6250
AE 0088	88	690	6250
AE 0090	90	690	6250
AE 0094	94	770	8300
AE 0095	95	770	8300
AE 0100	100	770	8300

Part-No.	s inch	l mm	⚖ g
BE 0008	5/16	100	28
BE 0009	3/8	115	35
BE 0010	13/32	115	35
BE 0011	7/16	125	45
BE 0013	1/2	145	70
BE 0014	9/16	145	70
BE 0015	19/32	155	90
BE 0016	5/8	155	90
BE 0018	11/16	170	115
BE 0019	3/4	185	155
BE 0020	25/32	185	155
BE 0021	13/16	200	180
BE 0022	7/8	200	180
BE 0024	15/16	220	250
BE 0025	31/32	220	250
BE 0026	1	240	350
BE 0027	1 1/16	240	350
BE 0029	1 1/8	260	420
BE 0030	1 3/16	260	420
BE 0032	1 1/4	285	550
BE 0033	1 5/16	285	550
BE 0035	1 3/8	310	710
BE 0037	1 7/16	310	710
BE 0038	1 1/2	310	710
BE 0039	1 9/16	340	980
BE 0041	1 5/8	340	980
BE 0043	1 11/16	375	1160
BE 0044	1 3/4	375	1160
BE 0046	1 13/16	375	1160
BE 0048	1 7/8	415	1660
BE 0051	2	415	1660
BE 0052	2 1/16	455	2210
BE 0054	2 1/8	455	2210
BE 0056	2 3/16	455	2210
BE 0057	2 1/4	455	2210
BE 0059	2 5/16	505	2940
BE 0060	2 3/8	505	2940
BE 0062	2 7/16	505	2940
BE 0064	2 1/2	555	4000
BE 0065	2 9/16	555	4000
BE 0067	2 5/8	555	4000
BE 0070	2 3/4	555	4000
BE 0071	2 13/16	555	4000
BE 0075	2 15/16	615	4800
BE 0076	3	615	4800
BE 0079	3 1/8	615	4800
BE 0083	3 1/4	690	6250
BE 0086	3 3/8	690	6250
BE 0089	3 1/2	690	6250
BE 0092	3 5/8	770	8300
BE 0095	3 3/4	770	8300
BE 0098	3 7/8	770	8300

Double end box wrench offset

DIN 897

Doppelringschlüssel gekröpft
Clé polygonale double contre-coudée
Llave de Cajón Doble tipo acodado

Part-No.	s1 x s2 mm	l mm	⚖ g
AC 0607	6 x 7	155	40
AC 0709	7 x 9	155	40
AC 0809	8 x 9	155	40
AC 0810	8 x 10	170	77
AC 0911	9 x 11	170	77
AC 1011	10 x 11	170	77
AC 1012	10 x 12	180	105
AC 1013	10 x 13	180	105
AC 1112	11 x 12	180	105
AC 1213	12 x 13	180	105
AC 1014	10 x 14	200	130
AC 1114	11 x 14	200	130
AC 1214	12 x 14	200	130
AC 1315	13 x 15	220	180
AC 1415	14 x 15	220	180
AC 1417	14 x 17	230	200
AC 1617	16 x 17	260	255
AC 1618	16 x 18	260	255
AC 1719	17 x 19	280	300
AC 1819	18 x 19	280	300
AC 1722	17 x 22	330	420
AC 1922	19 x 22	330	420
AC 1924	19 x 24	360	560
AC 2022	20 x 22	330	420
AC 2123	21 x 23	360	560
AC 2224	22 x 24	360	560
AC 2426	24 x 26	400	660
AC 2427	24 x 27	400	660
AC 2528	25 x 28	400	660
AC 2430	24 x 30	410	820
AC 2730	27 x 30	410	820
AC 2732	27 x 32	410	820
AC 3032	30 x 32	430	960
AC 3034	30 x 34	480	1350
AC 3036	30 x 36	480	1350
AC 3236	32 x 36	480	1350
AC 3436	34 x 36	480	1350
AC 3641	36 x 41	510	1750
AC 4146	41 x 46	580	2550
AC 4650	46 x 50	630	3300
AC 5055	50 x 55	690	4250
AC 5060	50 x 60	740	5300
AC 5560	55 x 60	740	5300
AC 6570	65 x 70	800	7600
AC 7075	70 x 75	830	9400

Part-No.	s1 x s2 inch	l mm	⚖ g	Ref-No.
BC 0608	1/4 x 5/16	155	40	
BC 0809	5/16 x 3/8	155	40	W-3109
BC 0911	3/8 x 7/16	170	77	W-3110
BC 1113	7/16 x 1/2	180	105	W-3120
BC 1314	1/2 x 9/16	220	130	W-3130
BC 1315	1/2 x 19/32	220	130	W-3140
BC 1416	9/16 x 5/8	220	180	W-3150
BC 1619	5/8 x 3/4	260	255	W-3160
BC 1820	11/16 x 25/32	280	300	W-3170
BC 1922	3/4 x 7/8	330	420	W-3180
BC 2122	13/16 x 7/8	330	420	W-3190
BC 2426	15/16 x 1	400	660	W-3221
BC 2427	15/16 x 1 1/16	400	660	W-3230
BC 2629	1 x 1 1/8	410	820	W-3240
BC 2729	1 1/16 x 1 1/8	410	820	W-3241
BC 2732	1 1/16 x 1 1/4	410	820	W-3250
BC 2933	1 1/8 x 1 5/16	430	960	W-3260
BC 2938	1 1/8 x 1 1/2	480	1350	W-3261
BC 3237	1 1/4 x 1 7/16	480	1350	W-3270
BC 3741	1 7/16 x 1 5/8	510	1750	W-3271
BC 4146	1 5/8 x 1 13/16	580	2550	
BC 4651	1 13/16 x 2	630	3300	
BC 5156	2 x 2 3/16	690	4250	
BC 5160	2 x 2 3/8	740	5300	
BC 5660	2 3/16 x 2 3/8	740	5300	
BC 6570	2 9/16 x 2 3/4	800	7600	
BC 7075	2 3/4 x 2 15/16	830	9400	

Double end box wrench offset, sets

Doppelringschlussel-Sätze, gekröpft
Clé polygonale double droite contre-coudée, jeux
Llave de Cajón Doble tipo acodado, Juego

Part-No.	Parts	s1 x s2 mm	⚖ g
AC 9008	8	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22	1420
AC 9012	12	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 27 x 32, 30 x 34	4810

Double end box wrench flat

DIN 837

Doppelringschlüssel gerade
Clé polygonale double droite
Llave de Cajón Doble tipo recto

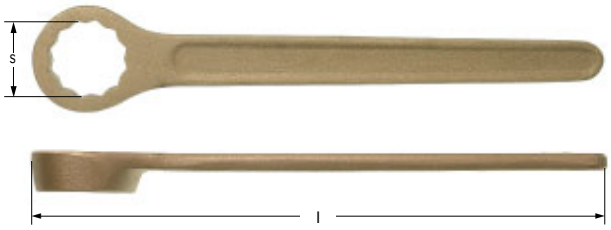
Part-No.	s1 x s2 mm	l mm	⚖ g
AD 0607	6 x 7	100	15
AD 0810	8 x 10	125	30
AD 0911	9 x 11	133	45
AD 1214	12 x 14	155	60
AD 1315	13 x 15	170	90
AD 1417	14 x 17	170	90
AD 1618	16 x 18	190	125
AD 1719	17 x 19	190	125
AD 1922	19 x 22	215	195
AD 2123	21 x 23	235	215
AD 2427	24 x 27	270	280
AD 2628	26 x 28	295	370
AD 3032	30 x 32	330	450
AD 3036	30 x 36	360	715
AD 3236	32 x 36	360	715
AD 3641	36 x 41	400	800

Part-No.	s1 x s2 inch	l mm	⚖ g
BD 0608	1/4 x 5/16	100	15
BD 0809	5/16 x 3/8	125	30
BD 0910	3/8 x 7/16	133	45
BD 1114	7/16 x 9/16	155	60
BD 1315	1/2 x 19/32	170	90
BD 1316	1/2 x 5/8	170	90
BD 1418	9/16 x 11/16	170	125
BD 1620	5/8 x 25/32	190	125
BD 1821	11/16 x 13/16	215	195
BD 1922	3/4 x 7/8	215	195
BD 2124	13/16 x 15/16	235	215
BD 2427	15/16 x 1 1/16	270	280
BD 2629	1 x 1 1/8	295	370
BD 2933	1 1/8 x 1 5/16	330	450
BD 3032	1 3/16 x 1 1/4	330	450
BD 3235	1 1/4 x 1 3/8	360	715
BD 3337	1 5/16 x 1 7/16	360	715
BD 3840	1 1/2 x 1 5/8	400	800

Single end box wrench

DIN 3111

Einfachringschlüssel
Clé fermée
Llave de Cajón Sencilla



Part-No.	s mm	l mm	⚖ g
AF 0013	13	138	65
AF 0014	14	138	65
AF 0015	15	138	65
AF 0016	16	155	90
AF 0017	17	155	90
AF 0018	18	171	125
AF 0019	19	171	125
AF 0020	20	171	125
AF 0021	21	190	160
AF 0022	22	190	160
AF 0023	23	190	160
AF 0024	24	215	250
AF 0025	25	215	250
AF 0026	26	215	250
AF 0027	27	230	280
AF 0028	28	230	280
AF 0029	29	230	280
AF 0030	30	254	370
AF 0032	32	265	400
AF 0033	33	265	400
AF 0034	34	295	610
AF 0035	35	295	610
AF 0036	36	295	610
AF 0037	37	295	610
AF 0038	38	295	610

Part-No.	s inch	l mm	⚖ g
BF 0013	1/2	138	65
BF 0014	9/16	138	65
BF 0015	19/32	138	65
BF 0016	5/8	155	90
BF 0018	11/16	155	90
BF 0019	3/4	171	125
BF 0020	25/32	171	125
BF 0021	13/16	171	125
BF 0022	7/8	190	160
BF 0024	15/16	215	250
BF 0025	31/32	215	250
BF 0026	1	215	250
BF 0027	1 1/16	230	280
BF 0029	1 1/8	230	280
BF 0030	1 3/16	254	370
BF 0032	1 1/4	265	400
BF 0033	1 5/16	265	400
BF 0035	1 3/8	295	610
BF 0037	1 7/16	295	610
BF 0038	1 1/2	295	610
BF 0039	1 9/16	330	750
BF 0041	1 5/8	330	750
BF 0043	1 11/16	330	750
BF 0044	1 3/4	365	1050
BF 0046	1 13/16	365	1050

AF 0041	41	330	750
AF 0042	42	330	750
AF 0046	46	365	1050
AF 0047	47	365	1050
AF 0050	50	400	1400
AF 0052	52	400	1400
AF 0054	54	400	1400
AF 0055	55	442	1700
AF 0056	56	442	1700
AF 0058	58	442	1700
AF 0060	60	475	1900
AF 0063	63	475	1900
AF 0065	65	510	2300
AF 0067	67	510	2300
AF 0070	70	555	2900
AF 0071	71	555	2900
AF 0075	75	590	3050
AF 0077	77	590	3050
AF 0080	80	620	4700
AF 0082	82	620	4700
AF 0085	85	665	4900
AF 0088	88	665	4900
AF 0090	90	700	5800
AF 0094	94	700	5800
AF 0095	95	700	5800

BF 0048	1 7/8	365	1050
BF 0051	2	400	1400
BF 0052	2 1/16	400	1400
BF 0054	2 1/8	442	1700
BF 0056	2 3/16	442	1700
BF 0057	2 1/4	442	1700
BF 0059	2 5/16	475	1900
BF 0060	2 3/8	475	1900
BF 0062	2 7/16	475	1900
BF 0064	2 1/2	510	2300
BF 0065	2 9/16	510	2300
BF 0070	2 3/4	555	2900
BF 0075	2 15/16	590	3050
BF 0076	3	590	3050
BF 0079	3 1/8	620	4700
BF 0086	3 3/8	665	4900
BF 0089	3 1/2	700	5800
BF 0095	3 3/4	700	5800

Striking box wrench 12 point

DIN 7444

Ringschlagschlüssel, 12-Kant
Clé à frapper polygonale, 12 pans
Llave de Cajón de Golpe, 12-Puntos

Part-No.	s mm	l mm	⚖ g
AH 0017	17	145	210
AH 0019	19	145	210
AH 0022	22	170	305
AH 0024	24	170	305
AH 0025	25	170	305
AH 0026	26	180	350
AH 0027	27	180	350
AH 0028	28	180	350
AH 0029	29	180	465
AH 0030	30	190	465
AH 0032	32	190	465
AH 0033	33	190	465
AH 0034	34	190	465
AH 0035	35	205	575
AH 0036	36	205	575
AH 0037	37	205	575
AH 0038	38	205	575
AH 0041	41	230	760
AH 0042	42	230	760
AH 0046	46	242	1030
AH 0047	47	242	1030
AH 0050	50	254	1240
AH 0052	52	254	1240
AH 0054	54	254	1490
AH 0055	55	268	1490
AH 0056	56	268	1490
AH 0058	58	268	1780
AH 0060	60	283	1780
AH 0063	63	283	1780
AH 0065	65	300	2200
AH 0067	67	300	2200
AH 0070	70	325	3140
AH 0071	71	325	3140

Part-No.	s inch	l mm	⚖ g
BH 0019	3/4	145	210
BH 0022	7/8	170	305
BH 0024	15/16	170	305
BH 0026	1	170	305
BH 0027	1 1/16	180	350
BH 0029	1 1/8	180	350
BH 0030	1 3/16	190	465
BH 0032	1 1/4	190	465
BH 0033	1 5/16	190	465
BH 0035	1 3/8	205	575
BH 0037	1 7/16	205	575
BH 0038	1 1/2	205	575
BH 0039	1 9/16	230	760
BH 0041	1 5/8	230	760
BH 0043	1 11/16	230	760
BH 0044	1 3/4	242	1030
BH 0046	1 13/16	242	1030
BH 0048	1 7/8	242	1030
BH 0051	2	254	1240
BH 0052	2 1/16	254	1240
BH 0054	2 1/8	268	1490
BH 0056	2 3/16	268	1490
BH 0057	2 1/4	268	1490
BH 0059	2 5/16	283	1760
BH 0060	2 3/8	283	1760
BH 0062	2 7/16	283	1760
BH 0064	2 1/2	283	1760
BH 0065	2 9/16	300	2200
BH 0067	2 5/8	300	2200
BH 0070	2 3/4	325	3140
BH 0071	2 13/16	325	3140
BH 0075	2 15/16	325	3140
BH 0076	3	325	3140

AH 0075	75	325	3140
AH 0077	77	325	3140
AH 0080	80	358	4025
AH 0082	82	358	4025
AH 0085	85	358	4025
AH 0088	88	388	5400
AH 0090	90	388	5400
AH 0094	94	388	5400
AH 0095	95	388	5400
AH 0100	100	415	7490
AH 0105	105	415	7490
AH 0110	110	450	8500
AH 0115	115	450	8500
AH 0120	120	475	12750
AH 0125	125	475	12750
AH 0130	130	505	17250
AH 0135	135	505	17250
AH 0145	145	575	21000
AH 0150	150	575	21000
AH 0155	155	575	21000

BH 0079	3 1/8	358	4025
BH 0083	3 1/4	358	4025
BH 0086	3 3/8	358	4025
BH 0089	3 1/2	388	5400
BH 0092	3 5/8	388	5400
BH 0095	3 3/4	388	5400
BH 0098	3 7/8	415	7490
BH 0102	4	415	7490
BH 0105	4 1/8	415	7490
BH 0110	4 5/16	450	8500
BH 0116	4 9/16	450	8500
BH 0119	4 11/16	475	12570
BH 0125	4 15/16	475	12570
BH 0130	5 1/8	505	17250
BH 0137	5 3/8	505	17250
BH 0145	5 11/16	575	21000
BH 0152	6	575	21000

Striking open end wrench

DIN 133

Maulschlagschlüssel
Clé à frapper à fourche
Llave de Boca de Golpe

Part-No.	s mm	l mm	⚖ g
AJ 0027	27	180	380
AJ 0028	28	180	380
AJ 0029	29	180	380
AJ 0030	30	190	440
AJ 0032	32	190	440
AJ 0033	33	190	440
AJ 0034	34	190	440
AJ 0035	35	215	750
AJ 0036	36	215	750
AJ 0037	37	215	750
AJ 0038	38	215	750
AJ 0041	41	235	1150
AJ 0042	42	235	1150
AJ 0046	46	255	1400
AJ 0047	47	255	1400
AJ 0050	50	275	1600
AJ 0052	52	275	1600
AJ 0054	54	300	1800
AJ 0055	55	300	1800
AJ 0056	56	300	1800
AJ 0058	58	320	2500
AJ 0060	60	320	2500
AJ 0063	63	320	2500
AJ 0065	65	340	3700
AJ 0067	67	340	3700
AJ 0070	70	375	4000
AJ 0075	75	375	4000
AJ 0080	80	410	6300
AJ 0085	85	410	6300
AJ 0090	90	445	8000
AJ 0095	95	445	8000
AJ 0100	100	485	9900
AJ 0105	105	485	9900
AJ 0110	110	510	19500
AJ 0115	115	510	19500
AJ 0120	120	545	23000
AJ 0125	125	545	23000
AJ 0130	130	575	28000
AJ 0135	135	575	28000

Part-No.	s inch	l mm	⚖ g
BJ 0027	1 1/16	180	380
BJ 0029	1 1/8	180	380
BJ 0030	1 3/16	190	440
BJ 0032	1 1/4	190	440
BJ 0033	1 5/16	190	440
BJ 0035	1 3/8	215	750
BJ 0037	1 7/16	215	750
BJ 0038	1 1/2	215	750
BJ 0039	1 9/16	235	1150
BJ 0041	1 5/8	235	1150
BJ 0043	1 11/16	235	1150
BJ 0044	1 3/4	255	1400
BJ 0046	1 13/16	255	1400
BJ 0048	1 7/8	255	1400
BJ 0051	2	275	1600
BJ 0052	2 1/16	275	1600
BJ 0054	2 1/8	300	1800
BJ 0056	2 3/16	300	1800
BJ 0057	2 1/4	300	1800
BJ 0059	2 5/16	320	2500
BJ 0060	2 3/8	320	2500
BJ 0062	2 7/16	320	2500
BJ 0064	2 1/2	340	3700
BJ 0065	2 9/16	340	3700
BJ 0067	2 5/8	340	3700
BJ 0070	2 3/4	375	4000
BJ 0071	2 13/16	375	4000
BJ 0075	2 15/16	375	4000
BJ 0076	3	375	4000
BJ 0079	3 1/8	410	6300
BJ 0083	3 1/4	410	6300
BJ 0086	3 3/8	410	6300
BJ 0089	3 1/2	445	8000
BJ 0092	3 5/8	445	8000
BJ 0095	3 3/4	445	8000
BJ 0098	3 7/8	485	9900
BJ 0102	4	485	9900
BJ 0105	4 1/8	485	9900
BJ 0110	4 5/16	510	19500

AJ 0145	145	640	38000
AJ 0150	150	640	38000
AJ 0155	155	640	38000

BJ 0116	4 9/16	510	19500
BJ 0119	4 11/16	545	23000
BJ 0125	4 15/16	545	23000
BJ 0137	5 3/8	575	28000
BJ 0152	6	640	38000

Single end box wrench for extension tube

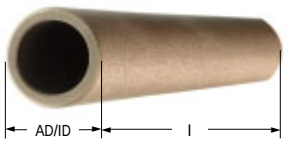
Ringzugschlüssel
Clé polygonale à traction
Llave de Cajón Para Extensión

Part-No.	s mm	l mm	⚖ g	Tube
AK 0030	30	235	800	AK 1600
AK 0032	32	235	800	AK 1600
AK 0033	33	235	800	AK 1600
AK 0034	34	235	800	AK 1600
AK 0035	35	245	850	AK 1600
AK 0036	36	245	850	AK 1600
AK 0037	37	245	850	AK 1600
AK 0038	38	255	950	AK 1600
AK 0041	41	265	1000	AK 1600
AK 0042	42	265	1000	AK 1600
AK 0046	46	280	1400	AK 1700
AK 0047	47	280	1400	AK 1700
AK 0050	50	290	1550	AK 1700
AK 0052	52	290	1550	AK 1700
AK 0054	54	300	1650	AK 1700
AK 0055	55	300	1650	AK 1700
AK 0056	56	300	1650	AK 1700
AK 0058	58	345	2450	AK 1750
AK 0060	60	345	2450	AK 1750
AK 0063	63	345	2450	AK 1750
AK 0065	65	355	2700	AK 1750
AK 0067	67	355	2700	AK 1750
AK 0070	70	365	2850	AK 1750
AK 0071	71	365	2850	AK 1750
AK 0075	75	375	3200	AK 1750
AK 0077	77	375	3200	AK 1750
AK 0080	80	385	3600	AK 1750
AK 0082	82	385	3600	AK 1750
AK 0085	85	385	3600	AK 1750

Part-No.	s inch	l mm	⚖ g	Tube
BK 0030	1 3/16	235	800	AK 1600
BK 0032	1 1/4	235	800	AK 1600
BK 0033	1 5/16	235	800	AK 1600
BK 0035	1 3/8	245	850	AK 1600
BK 0037	1 7/16	245	850	AK 1600
BK 0038	1 1/2	255	950	AK 1600
BK 0039	1 9/16	255	1000	AK 1600
BK 0041	1 5/8	265	1000	AK 1600
BK 0043	1 11/16	265	1000	AK 1600
BK 0044	1 3/4	280	1400	AK 1700
BK 0046	1 13/16	280	1400	AK 1700
BK 0048	1 7/8	290	1550	AK 1700
BK 0051	2	290	1550	AK 1700
BK 0052	2 1/16	290	1550	AK 1700
BK 0054	2 1/8	300	1650	AK 1700
BK 0056	2 3/16	300	1650	AK 1700
BK 0057	2 1/4	300	1650	AK 1700
BK 0059	2 5/16	345	2450	AK 1700
BK 0060	2 3/8	345	2450	AK 1750
BK 0062	2 7/16	345	2450	AK 1750
BK 0064	2 1/2	355	2700	AK 1750
BK 0065	2 9/16	355	2700	AK 1750
BK 0067	2 5/8	355	2700	AK 1750
BK 0070	2 3/4	365	2850	AK 1750
BK 0071	2 13/16	365	2850	AK 1750
BK 0075	2 15/16	375	3200	AK 1750
BK 0076	3	375	3200	AK 1750
BK 0079	3 1/8	385	3600	AK 1750
BK 0083	3 1/4	385	3600	AK 1750
BK 0086	3 3/8	385	3600	AK 1750

Drive tube

Aufsteckrohr für Ringzugschlüssel
Tube levier pour clé polygonale
Extensión Para la Llave de Cajón



Part-No.	l mm	AD/ID mm	⚖ g
AK 1600	600	30/22	800
AK 1700	700	35/25	1450
AK 1750	750	40/30	2250

Long handle open end wrench

Maulzugschlüssel
Clé à fourche à manche long
Llave de Boca de Mango Largo

15° 45° 90°

Part-No. 15°	Part-No. 45°	Part-No. 90°	s mm	l mm	⚖ g
AP 0022	AR 0022	AS 0022	22	320	450
AP 0023	AR 0023	AS 0023	23	320	450
AP 0024	AR 0024	AS 0024	24	348	600
AP 0025	AR 0025	AS 0025	25	348	600
AP 0026	AR 0026	AS 0026	26	380	850
AP 0027	AR 0027	AS 0027	27	380	850
AP 0028	AR 0028	AS 0028	28	416	1050
AP 0029	AR 0029	AS 0029	29	416	1050
AP 0030	AR 0030	AS 0030	30	416	1050
AP 0032	AR 0032	AS 0032	32	453	1350
AP 0033	AR 0033	AS 0033	33	453	1350
AP 0034	AR 0034	AS 0034	34	453	1350
AP 0035	AR 0035	AS 0035	35	497	1700
AP 0036	AR 0036	AS 0036	36	497	1700
AP 0037	AR 0037	AS 0037	37	497	1700
AP 0038	AR 0038	AS 0038	38	497	1700
AP 0041	AR 0041	AS 0041	41	546	2350
AP 0042	AR 0042	AS 0042	42	546	2350
AP 0046	AR 0046	AS 0046	46	600	2800
AP 0047	AR 0047	AS 0047	47	600	2800
AP 0050	AR 0050	AS 0050	50	662	4000
AP 0052	AR 0052	AS 0052	52	662	4000
AP 0054	AR 0054	AS 0054	54	662	4000
AP 0055	AR 0055	AS 0055	55	730	5300
AP 0056	AR 0056	AS 0056	56	730	5300
AP 0058	AR 0058	AS 0058	58	805	6850
AP 0060	AR 0060	AS 0060	60	805	6850

Part-No. 15°	Part-No. 45°	Part-No. 90°	s inch	l mm	⚖ g
BP 0021	BR 0021	BS 0021	13/16	320	450
BP 0022	BR 0022	BS 0022	7/8	320	450
BP 0024	BR 0024	BS 0024	15/16	348	600
BP 0025	BR 0025	BS 0025	31/32	348	600
BP 0026	BR 0026	BS 0026	1	380	850
BP 0027	BR 0027	BS 0027	1 1/16	380	850
BP 0029	BR 0029	BS 0029	1 1/8	416	1050
BP 0030	BR 0030	BS 0030	1 3/16	416	1050
BP 0032	BR 0032	BS 0032	1 1/4	416	1050
BP 0033	BR 0033	BS 0033	1 5/16	416	1050
BP 0035	BR 0035	BS 0035	1 3/8	497	1700
BP 0037	BR 0037	BS 0037	1 7/16	497	1700
BP 0038	BR 0038	BS 0038	1 1/2	497	1700
BP 0039	BR 0039	BS 0039	1 9/16	546	2350
BP 0041	BR 0041	BS 0041	1 5/8	546	2350
BP 0043	BR 0043	BS 0043	1 11/16	600	2800
BP 0044	BR 0044	BS 0044	1 3/4	600	2800
BP 0046	BR 0046	BS 0046	1 13/16	600	2800
BP 0048	BR 0048	BS 0048	1 7/8	662	4000
BP 0051	BR 0051	BS 0051	2	662	4000
BP 0052	BR 0052	BS 0052	2 1/16	662	4000
BP 0054	BR 0054	BS 0054	2 1/8	730	5300
BP 0056	BR 0056	BS 0056	2 3/16	730	5300
BP 0057	BR 0057	BS 0057	2 1/4	805	6850
BP 0059	BR 0059	BS 0059	2 5/16	805	6850
BP 0060	BR 0060	BS 0060	2 3/8	805	6850

Construction open end wrench with pin

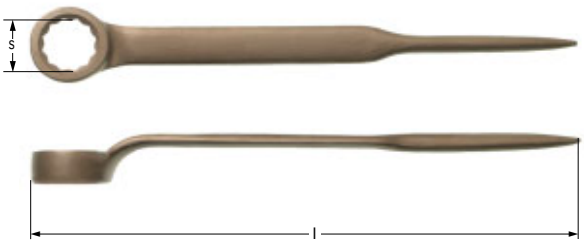
Montageschlüssel mit Dorn
Clé à fourche avec pointe
Llave de Construcción con Perno

Part-No.	s mm	l mm	⚖ g
AM 0017	17	320	270
AM 0018	18	320	270
AM 0019	19	350	465
AM 0020	20	350	465
AM 0021	21	350	465
AM 0022	22	350	465
AM 0023	23	370	650
AM 0024	24	370	650
AM 0025	25	370	650
AM 0026	26	370	650
AM 0027	27	370	650
AM 0028	28	400	950
AM 0029	29	400	950
AM 0030	30	400	950
AM 0032	32	400	950
AM 0033	33	400	950
AM 0034	34	400	950
AM 0035	35	430	1400
AM 0036	36	430	1400
AM 0037	37	430	1400
AM 0038	38	430	1400
AM 0041	41	470	1900
AM 0042	42	470	1900
AM 0046	46	500	2700
AM 0047	47	500	2700
AM 0050	50	530	3550

Part-No.	s inch	l mm	⚖ g
BM 0018	11/16	320	270
BM 0019	3/4	350	465
BM 0020	25/32	350	465
BM 0021	13/16	350	465
BM 0022	7/8	350	465
BM 0024	15/16	370	650
BM 0025	31/32	370	650
BM 0026	1	370	650
BM 0027	1 1/16	370	650
BM 0029	1 1/8	400	950
BM 0030	1 3/16	400	950
BM 0032	1 1/4	400	950
BM 0033	1 5/16	400	950
BM 0035	1 3/8	430	1400
BM 0037	1 7/16	430	1400
BM 0038	1 1/2	430	1400
BM 0039	1 9/16	470	1900
BM 0041	1 5/8	470	1900
BM 0043	1 11/16	470	1900
BM 0044	1 3/4	500	2700
BM 0046	1 13/16	500	2700
BM 0048	1 7/8	500	2700
BM 0051	2	530	3550

Construction box wrench offset with pin

Montageringschlüssel gekröpft
Clé fermée à broche, coudée
Llave de Construcción, Acodada con Perno



Part-No.	s mm	l mm	⚖ g
AN 0017	17	320	295
AN 0018	18	320	295
AN 0019	19	350	510
AN 0020	20	350	510
AN 0021	21	350	510
AN 0022	22	350	510
AN 0023	23	370	715
AN 0024	24	370	715
AN 0025	25	370	715
AN 0026	26	370	715
AN 0027	27	370	715
AN 0028	28	400	1145
AN 0029	29	400	1145
AN 0030	30	400	1145
AN 0032	32	400	1145
AN 0033	33	400	1145

Part-No.	s inch	l mm	⚖ g
BN 0018	11/16	320	295
BN 0019	3/4	350	510
BN 0020	25/32	350	510
BN 0021	13/16	350	510
BN 0022	7/8	350	510
BN 0024	15/16	370	715
BN 0025	31/32	370	715
BN 0026	1	370	715
BN 0027	1 1/16	370	715
BN 0029	1 1/8	400	1145
BN 0030	1 3/16	400	1145
BN 0032	1 1/4	400	1145
BN 0033	1 5/16	400	1145
BN 0035	1 3/8	430	1540
BN 0037	1 7/16	430	1540
BN 0038	1 1/2	430	1540

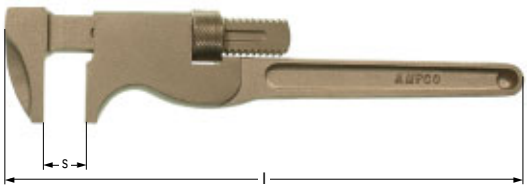
Part-No. ↓	s mm	l mm	⚖ g
AN 0034	34	400	1145
AN 0035	35	430	1540
AN 0036	36	430	1540
AN 0037	37	430	1540
AN 0038	38	430	1540
AN 0041	41	470	2090
AN 0042	42	470	2090
AN 0046	46	500	2970
AN 0047	47	500	2970
AN 0050	50	530	3900

Part-No. ↓	s inch	l mm	⚖ g
BN 0039	1 9/16	470	2090
BN 0041	1 5/8	470	2090
BN 0043	1 11/16	470	2090
BN 0044	1 3/4	500	2970
BN 0046	1 13/16	500	2970
BN 0048	1 7/8	500	2970
BN 0051	2	530	3900

Adjustable end wrench
Rollgabelschlüssel
Clé à molette
Llave de Cabeza Ajustable

Part-No.	s max. mm	inch	l mm	l inch	⚖ g	Ref.-No.
AT 0150	19	3/4	150	6	100	W-70
AT 0200	25	1	200	8	200	W-71
AT 0250	30	1 3/16	250	10	313	W-72
AT 0300	36	1 3/8	300	12	567	W-73
AT 0380	44	1 3/4	380	15	1275	W-74
AT 0460	55	2 3/16	450	18	2500	W-75
AT 0600	65	2 9/16	600	24	5500	W-76

Monkey (Railroad) wrench
Verstellbarer Schraubenschlüssel
Clé anglaise (chemin de fer)
Llave Inglesa (Ferrocarri)



Part-No.	s max. mm	inch	l mm	⚖ g	Ref.-No.
AU 0200	40	1 1/2	200	680	W-1145
AU 0245	50	2	245	1005	W-1146
AU 0290	60	2 3/8	290	1595	W-1147
AU 0360	70	2 3/4	360	2415	W-1148
AU 0415	80	3 1/8	415	3800	W-1149
AU 0480	105	4	480	5080	W-1150

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Sockets, 6 point, deep well
Steckschlüsseleinsätze, 6-kant
Steckschlüsseleinsätze, 6-kant, lang
Douilles, 6 pans
Douilles, 6 pans, longues
Cubos, 6-Puntos
Cubos, 6-Puntos, largo

1/4" Drive

Part-No.	s mm	l mm	⚖ g
CA 1040	4	22	11
CA 1045	4.5	22	11
CA 1050	5	22	12
CA 1055	5.5	22	12
CA 1060	6	22	12
CA 1070	7	22	13
CA 1080	8	22	15
CA 1090	9	22	17
CA 1100	10	22	18
CA 1110	11	22	24
CA 1120	12	22	32
CA 1130	13	22	32
CA 1140	14	22	40

Part-No.	L mm	⚖ g
CA 2040	50	25
CA 2045	50	25
CA 2050	50	28
CA 2055	50	28
CA 2060	50	28
CA 2070	50	30
CA 2080	50	34
CA 2090	50	39
CA 2100	50	41
CA 2110	50	55
CA 2120	50	72
CA 2130	50	72
CA 2140	50	90

Part-No.	s inch	l mm	⚖ g
DA 1048	3/16	22	12
DA 1056	7/32	22	12
DA 1064	1/4	22	12
DA 1070	9/32	22	13
DA 1080	5/16	22	15
DA 1087	11/32	22	17
DA 1100	3/8	22	18
DA 1120	7/16	22	32
DA 1130	1/2	22	32
DA 1150	9/16	22	40

1/2" Drive

Part-No.	s mm	l mm	⚖ g
CC 1008	8	40	65
CC 1009	9	40	65
CC 1010	10	40	75
CC 1011	11	40	75
CC 1012	12	40	75
CC 1013	13	40	75
CC 1014	14	40	80
CC 1015	15	40	85
CC 1016	16	40	85
CC 1017	17	40	100
CC 1018	18	40	100
CC 1019	19	42	110
CC 1020	20	42	110
CC 1021	21	42	125
CC 1022	22	44	140
CC 1023	23	44	140
CC 1024	24	46	180
CC 1025	25	46	180
CC 1026	26	46	220
CC 1027	27	48	220
CC 1028	28	48	230
CC 1029	29	48	260
CC 1030	30	50	260
CC 1032	32	50	260

Part-No.	L mm	⚖ g
CC 2008	82	125
CC 2009	82	125
CC 2010	82	145
CC 2011	82	145
CC 2012	82	145
CC 2013	82	145
CC 2014	82	150
CC 2015	82	155
CC 2016	82	155
CC 2017	82	185
CC 2018	82	185
CC 2019	82	200
CC 2020	82	200
CC 2021	82	230
CC 2022	82	255
CC 2023	82	255
CC 2024	82	330
CC 2025	82	330
CC 2026	82	400
CC 2027	82	400
CC 2028	82	420
CC 2029	82	475
CC 2030	82	475
CC 2032	82	475

Part-No.	s inch	l mm	⚖ g	Ref.-No.
DC 1008	5/16	40	65	W-259
DC 1009	3/8	40	75	W-261s
DC 1011	7/16	40	75	W-261
DC 1013	1/2	40	75	W-262
DC 1014	9/16	40	75	W-263
DC 1015	19/32	40	80	W-264
DC 1016	5/8	40	85	W-265
DC 1018	11/16	40	100	W-266
DC 1019	3/4	42	100	W-267
DC 1020	25/32	42	110	W-268

Part-No.	L mm	⚖ g
DC 2008	82	125
DC 2009	82	125
DC 2011	82	145
DC 2013	82	145
DC 2014	82	150
DC 2015	82	155
DC 2016	82	155
DC 2018	82	185
DC 2019	82	200
DC 2020	82	200

1/2" Drive

Part-No. ↓	s inch	l mm	⚖ g	Ref.-No.	Part-No. ↓	L mm	⚖ g
DC 1021	13/16	42	110	W-269	DC 2021	82	230
DC 1022	7/8	44	125	W-270	DC 2022	82	255
DC 1024	15/16	46	140	W-270s	DC 2024	82	330
DC 1026	1	46	180	W-271	DC 2026	82	400
DC 1027	1 1/16	48	220	W-272	DC 2027	82	400
DC 1029	1 1/8	48	230	W-273	DC 2029	82	475
DC 1030	1 3/16	50	230		DC 2030	82	475
DC 1032	1 1/4	50	260	W-274	DC 2032	82	475

3/4" Drive

Part-No.	s mm	l mm	⚖ g		Part-No.	L mm	⚖ g
CD 1019	19	50	190		CD 2019	90	300
CD 1022	22	50	230		CD 2022	90	355
CD 1024	24	50	260		CD 2024	90	400
CD 1027	27	55	280		CD 2027	90	430
CD 1030	30	55	300		CD 2030	90	435
CD 1032	32	60	330		CD 2032	90	480
CD 1033	33	60	350		CD 2033	90	510
CD 1034	34	60	350		CD 2034	90	510
CD 1035	35	60	350		CD 2035	90	540
CD 1036	36	65	400		CD 2036	90	554
CD 1037	37	65	400		CD 2037	90	554
CD 1038	38	65	450		CD 2038	90	690
CD 1041	41	65	450		CD 2041	90	690
CD 1042	42	65	550		CD 2042	90	850
CD 1046	46	65	600		CD 2046	100	925
CD 1047	47	65	600		CD 2047	100	925
CD 1050	50	65	700		CD 2050	100	1080
CD 1052	52	65	700		CD 2052	100	1080
CD 1055	55	65	850		CD 2055	100	1300
CD 1060	60	65	1300		CD 2060	100	2000

Part-No.	s inch	l mm	⚖ g	Ref.-No.	Part-No.	L mm	⚖ g
DD 1019	3/4	50	190		DD 2029	90	300
DD 1022	7/8	50	230		DD 2022	90	355
DD 1026	1	55	260		DD 2026	90	400
DD 1027	1 1/16	55	280		DD 2027	90	430
DD 1030	1 3/16	55	300		DD 2030	90	480
DD 1033	1 5/16	62	350	W-245	DD 2033	90	510
DD 1035	1 3/8	65	350	W-246	DD 2035	90	540
DD 1037	1 7/16	65	400	W-247	DD 2037	90	615
DD 1038	1 1/2	65	450	W-248	DD 2038	90	690
DD 1039	1 9/16	65	450	W-248a	DD 2039	90	690
DD 1041	1 5/8	65	450	W-249	DD 2041	90	690
DD 1043	1 11/16	65	550	W-249a	DD 2043	90	850
DD 1044	1 3/4	65	550	W-250b	DD 2044	100	850
DD 1046	1 13/16	65	600	W-250	DD 2046	100	925
DD 1048	1 7/8	65	600	W-253	DD 2048	100	925
DD 1049	1 15/16	65	700		DD 2049	100	1080
DD 1051	2	65	700	W-251	DD 2051	100	1080

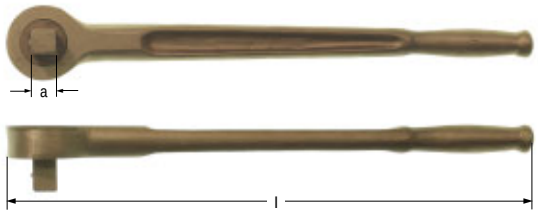
1" Drive

Part-No.	s mm	l mm	⚖ g		Part-No.	L mm	⚖ g
CE 1036	36	70	685		CE 2036	100	979
CE 1041	41	70	853		CE 2041	100	1219
CE 1046	46	75	1114		CE 2046	115	1708
CE 1050	50	80	1374		CE 2050	115	1975
CE 1055	55	85	1727		CE 2055	125	2539
CE 1060	60	90	2134		CE 2060	125	2964
CE 1065	65	95	2601		CE 2065	135	3696
CE 1070	70	95	2974		CE 2070	135	4227
CE 1075	75	100	3550		CE 2075	140	4970
CE 1080	80	100	3996	↓	CE 2080	140	5594 ↓

Part-No. ↓	s inch	l mm	⚖ g
DE 1037	1 7/16	70	578
DE 1038	1 1/2	70	685
DE 1041	1 5/8	70	853
DE 1046	1 13/16	75	1114
DE 1051	2	80	1374
DE 1054	2 1/8	85	1727
DE 1060	2 3/8	90	2134
DE 1065	2 9/16	95	2601
DE 1070	2 3/4	95	2974
DE 1075	2 15/16	100	3550
DE 1079	3 1/8	100	3996

Part-No. ↓	L mm	⚖ g
DE 2037	100	890
DE 2038	100	979
DE 2041	100	1219
DE 2046	115	1708
DE 2051	115	1975
DE 2054	125	2539
DE 2060	125	2964
DE 2065	135	3696
DE 2070	135	4227
DE 2075	140	4970
DE 2079	140	5594

Ratchet
Knarre
Cliquet réversible
Llave Trinquete



1/4" Drive

Part-No.	a inch	l mm	⚖ g
CA 5000	1/4	130	85

1/2" Drive

Part-No.	a inch	l mm	⚖ g	Ref.-No.
CC 5000	1/2	250	560	W-141 R

3/4" Drive

Part-No.	a inch	l mm	⚖ g	Ref.-No.
CD 5000	3/4	455	2000	W-140 R

1" Drive

Part-No.	a inch	l mm	⚖ g
CE 5000	1	900	6000

Extension bar
Verlängerungen
Rallonge
Barra de Extensión

1/4" Drive

Part-No.	a inch	l mm	⚖ g
CA 5050	1/4	50	35
CA 5100	1/4	100	55
CA 5150	1/4	150	100

1/2" Drive

Part-No.	a inch	l mm	⚖ g	Ref.-No.
CC 5075	1/2	75	130	
CC 5125	1/2	125	225	
CC 5250	1/2	250	420	W-280

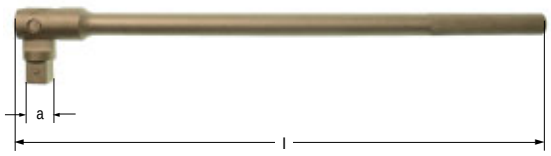
3/4" Drive

Part-No.	a inch	l mm	⚖ g	Ref.-No.
CD 5095	3/4	95	155	
CD 5200	3/4	200	480	
CD 5400	3/4	400	1250	W-255

1" Drive

Part-No.	a inch	l mm	⚖ g
CE 5200	1	200	1050
CE 5400	1	400	2000

Hinged handle
Gelenkgriff
Poignée articulée
Mango de Cabeza Deslizante



1/4" Drive

Part-No.	a inch	l mm	⚖ g
CA 5800	1/4	150	85

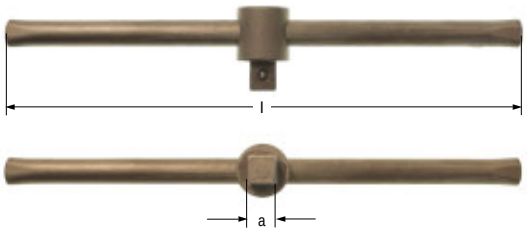
1/2" Drive

Part-No.	a inch	l mm	⚖ g	Ref.-No.
CC 5800	1/2	305	930	W-283

3/4" Drive

Part-No.	a inch	l mm	⚖ g	Ref.-No.
CD 5800	3/4	500	1300	W-257

Sliding T bar
T - Gleitgriff
Poignée coulissante
Barra Deslizante



1/4" Drive

Part-No.	a inch	l mm	⚖ g
CA 5820	1/4	115	55

1/2" Drive

Part-No.	a inch	l mm	⚖ g
CC 5820	1/2	290	500

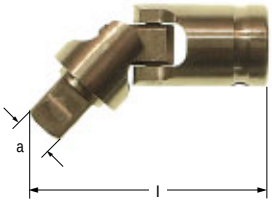
3/4" Drive

Part-No.	a inch	l mm	⚖ g
CD 5820	3/4	500	1200

1" Drive

Part-No.	a inch	l mm	⚖ g
CE 5820	1	700	3000

Universal joint
Kardangelenk
Cardan universel
Conexión Universal



1/4" Drive

Part-No.	a inch	l mm	⚖ g
CA 5840	1/4	33	25

1/2" Drive

Part-No.	a inch	l mm	⚖ g
CC 5840	1/2	75	190

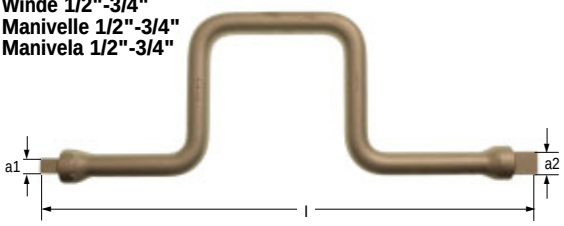
3/4" Drive

Part-No.	a inch	l mm	⚖ g
CD 5840	3/4	90	350

1" Drive

Part-No.	a inch	l mm	⚖ g
CE 5840	1	120	1350

Speed handle 1/2"-3/4"
Winde 1/2"-3/4"
Manivelle 1/2"-3/4"
Manivela 1/2"-3/4"



Part-No.	a1 inch	a2 inch	l mm	⚖ g	Ref.-No.
CC 5860	1/2	3/4	410	1350	W-286

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Adapter, Converter
Übergangsteil
Réducteur
Adaptador para Trinquete

1/4" Drive

Part-No.	a1 inch	a2 inch	l mm	⚖ g
CA 5893	1/4	1/2	24	36

1/2" Drive

Part-No.	a1 inch	a2 inch	l mm	⚖ g
CC 5893	1/2	3/4	42	80

3/4" Drive

Part-No.	a1 inch	a2 inch	l mm	⚖ g
CD 5893	3/4	1	45	380

Socket sets, 6 point
Steckschlüssel-Garnitur, 6-kant
Jeu de douilles, 6 pans
Juego de Cubos, 6-Puntos

1/4" Drive

Part-No.	s mm / inch	⚖ g	Parts/Zubehör Accessoires/Accesorios
CA 9000	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	980	**Ratchet, extension bar 100 mm, sliding T bar, universal joint.** Knarre, Verlängerung 100 mm, T-Gleitgriff, Kardangelenk.
DA 9000	3/16, 7/32, 1/4 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16	900	Cliquet réversible, rallonge 100 mm, poignée coulissante, cardan universel. Trinquete, Barra Extensión 100 mm Barra Deslizante, Conexión Universal.

1/2" Drive

Part-No.	s mm / inch	⚖ g	Parts/Zubehör Accessoires/Accesorios
CC 9000	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32	7200	**Ratchet, extension bar 75 and 250 mm, sliding T bar, hinged handle, universal joint.** Knarre, Verlängerung 75 und 250 mm, T-Gleitgriff, Winkelgriff, Kardangelenk.
DC 9000	5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 1/4	6900	Cliquet réversible, rallonge 75 et 250 mm, poignée coulissante, poignée articulée, cardan universel. Llave Trinquere, Extensión 75 i 250 mm, Barra Deslizante, Mango de Cabeza, Conexión Universal.

3/4" Drive

Part-No.	s mm / inch	s inch	⚖ g	Parts/Zubehör Accessoires/Accesorios
CD 9000	19, 22, 24, 27, 30 32, 36, 38, 41, 46 50, 55, 60		15200	**Ratchet, extension bar 200 and 400 mm, sliding T bar, hinged handle, universal joint.**
DD 9000	1 5/16, 1 3/8, 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4, 1 13/16 1 7/8, 2		14150	Knarre, Verlängerung 200 und 400 mm, T-Gleitgriff, Winkelgriff, Kardangelenk. Cliquet réversible, rallonge 200 et 400 mm, poignée coulissante, poignée articulée Cardan universel. Llave Trinquete, Extension 200 i 400 mm, Barra Deslizante, Mango de Cabeza, Conexión Universal.

1" Drive

Part-No.	s mm / inch	⚖ g	Parts/Zubehör Accessoires/Accesorios
CE 9000	36, 41, 46, 50, 55 60, 65, 70, 75, 80	37400	**Ratchet, extension bar 200 and 400 mm, sliding T bar, universal joint.**
DE 9000	1 7/16, 1 5/8 1 13/16, 2, 2 1/8 2 3/8, 2 9/16 2 3/4, 2 15/16 3 1/8	37300	Knarre, Verlängerung 200 und 400 mm, T-Gleitgriff, Kardangelenk. Cliquet réversible, rallonge 200 et 400 mm, poignée coulissante, Cardan universel. Llave Trinquete, Extension 200 i 400 mm, Barra Deslizante, Conexión Universal.

Impact sockets, 6 point
Impact sockets, 6 point, deep well
Schlagschraubereinsätze, 6-kant
Schlagschraubereinsätze, 6-kant, lang
Douilles impact, 6 pans
Douilles impact, 6 pans, longues
Cubos Impact, 6-Puntos
Cubos Impact, 6-Puntos, largo

1/2" Drive

Part-No.	s mm	l mm	⚖ g	Part-No.	l mm	⚖ g
CC 3008	8	42	65	CC 4008	82	125
CC 3009	9	42	65	CC 4009	82	125
CC 3010	10	42	75	CC 4010	82	145
CC 3011	11	42	75	CC 4011	82	145
CC 3012	12	44	75	CC 4012	82	145
CC 3013	13	44	75	CC 4013	82	145
CC 3014	14	44	80	CC 4014	82	150
CC 3015	15	44	85	CC 4015	82	155
CC 3016	16	44	85	CC 4016	82	155
CC 3017	17	44	100	CC 4017	82	185
CC 3018	18	44	100	CC 4018	82	185
CC 3019	19	44	110	CC 4019	82	200
CC 3020	20	44	110	CC 4020	82	200
CC 3021	21	44	125	CC 4021	82	230
CC 3022	22	44	140	CC 4022	82	255
CC 3023	23	44	140	CC 4023	82	255
CC 3024	24	46	180	CC 4024	82	330
CC 3025	25	46	180	CC 4025	82	330
CC 3026	26	46	220	CC 4026	82	400
CC 3027	27	48	220	CC 4027	82	400
CC 3028	28	48	230	CC 4028	82	420
CC 3029	29	48	260	CC 4029	82	475
CC 3030	30	50	260	CC 4030	82	475
CC 3032	32	50	260	CC 4032	82	475

Part-No.	s inch	l mm	⚖ g	Part-No.	l mm	⚖ g
DC 3008	5/16	42	65	DC 4008	82	125
DC 3009	3/8	42	75	DC 4009	82	125
DC 3011	7/16	42	75	DC 4011	82	145
DC 3013	1/2	44	75	DC 4013	82	145
DC 3014	9/16	44	75	DC 4014	82	150
DC 3015	19/32	44	80	DC 4015	82	155
DC 3016	5/8	44	85	DC 4016	82	155
DC 3018	11/16	44	100	DC 4018	82	185
DC 3019	3/4	44	100	DC 4019	82	200
DC 3020	25/32	44	110	DC 4020	82	200
DC 3021	13/16	44	110	DC 4021	82	230
DC 3022	7/8	44	125	DC 4022	82	255
DC 3024	15/16	44	140	DC 4024	82	330

DC 3026	1	46	180	DC 4026	82	400
DC 3027	1 1/16	48	220	DC 4027	82	400
DC 3029	1 1/8	48	230	DC 4029	82	475
DC 3030	1 3/16	50	230	DC 4030	82	475
DC 3032	1 1/4	50	260	DC 4032	82	475

3/4" Drive

Part-No.	s mm	l mm	⚖ g	Part-No.	l mm	⚖ g
CD 3019	19	55	190	CD 4019	90	300
CD 3022	22	55	230	CD 4022	90	355
CD 3024	24	55	260	CD 4024	90	400
CD 3027	27	55	280	CD 4027	90	430
CD 3030	30	62	300	CD 4030	95	460
CD 3032	32	62	330	CD 4032	95	480
CD 3034	34	62	350	CD 4034	95	510
CD 3036	36	65	400	CD 4036	95	585
CD 3041	41	65	450	CD 4041	100	690
CD 3046	46	65	600	CD 4046	100	925
CD 3050	50	65	700	CD 4050	100	1080
CD 3055	55	65	850	CD 4055	100	1300
CD 3060	60	65	1300	CD 4060	100	2000

Part-No.	s inch	l mm	⚖ g	Part-No.	l mm	⚖ g
DD 3019	3/4	55	190	DD 4019	90	300
DD 3022	7/8	55	230	DD 4022	90	355
DD 3026	1	55	260	DD 4026	90	400
DD 3027	1 1/16	55	280	DD 4027	90	430
DD 3030	1 3/16	62	300	DD 4030	95	480
DD 3033	1 5/16	62	350	DD 4033	95	510
DD 3035	1 3/8	65	350	DD 4035	95	540
DD 3037	1 7/16	65	400	DD 4037	95	615
DD 3038	1 1/2	65	450	DD 4038	100	690
DD 3041	1 5/8	65	450	DD 4041	100	690
DD 3044	1 3/4	65	550	DD 4044	100	850
DD 3048	1 7/8	65	600	DD 4048	100	925
DD 3051	2	65	700	DD 4051	100	1080

1" Drive

Part-No.	s mm	l mm	⚖ g	Part-No.	l mm	⚖ g
CE 3030	30	65	557	CE 4030	100	857
CE 3032	32	65	614	CE 4032	100	944
CE 3034	34	65	673	CE 4034	100	1035
CE 3036	36	70	792	CE 4036	100	1131
CE 3041	41	70	972	CE 4041	100	1388
CE 3046	46	75	1254	CE 4046	115	1922
CE 3050	50	80	1534	CE 4050	115	2205
CE 3055	55	85	1911	CE 4055	125	2810
CE 3060	60	90	2345	CE 4060	125	3257
CE 3065	65	95	2839	CE 4065	135	4035
CE 3070	70	95	3229	CE 4070	135	4588
CE 3075	75	100	3835	CE 4075	140	5369
CE 3080	80	100	4297	CE 4080	140	6016

Part-No.	s inch	l mm	⚖ g	Part-No.	l mm	⚖ g
DE 3029	1 1/8	65	557	DE 4029	100	857
DE 3032	1 1/4	65	614	DE 4032	100	944
DE 3033	1 5/16	65	673	DE 4033	100	1035
DE 3038	1 1/2	70	792	DE 4038	100	1131
DE 3041	1 5/8	70	972	DE 4041	100	1388
DE 3046	1 13/16	75	1254	DE 4046	115	1922
DE 3051	2	80	1534	DE 4051	115	2205
DE 3054	2 1/8	85	1911	DE 4054	125	2810
DE 3060	2 3/8	90	2345	DE 4060	125	3257
DE 3065	2 9/16	95	2839	DE 4065	135	4035
DE 3070	2 3/4	95	3229	DE 4070	135	4588
DE 3075	2 15/16	95	3835	DE 4075	140	5369
DE 3079	3 1/8	95	4297	DE 4079	140	6016

1 1/2" Drive

Part-No.	s mm	l mm	⚖ g	Part-No.	l mm	⚖ g
CF 3036	36	80	1082	CF 4036	120	1664
CF 3041	41	80	1336	CF 4041	120	2004
CF 3046	46	85	1663	CF 4046	150	2970
CF 3050	50	90	1955	CF 4050	150	3370
CF 3055	55	90	2343	CF 4055	150	3906
CF 3060	60	95	2838	CF 4060	150	4481
CF 3065	65	100	3397	CF 4065	150	5095
CF 3070	70	105	4025	CF 4070	170	6516
CF 3075	75	110	4725	CF 4075	170	7302
CF 3080	80	115	5550	CF 4080	180	8611
CF 3085	85	120	6359	CF 4085	180	9539
CF 3090	90	125	7418	CF 4090	180	10513
CF 3095	95	127	8139	CF 4095	180	11535
CF 3100	100	130	9103	CF 4100	180	12604
CF 3105	105	130	9910	CF 4105	190	14483

Part-No.	s inch	l mm	⚖ g	Part-No.	l mm	⚖ g
DF 3035	1 3/8	80	1082	DF 4035	120	1664
DF 3041	1 5/8	80	1336	DF 4041	120	2004
DF 3046	1 13/16	85	1663	DF 4046	150	2970
DF 3051	2	90	1955	DF 4051	150	3370
DF 3054	2 1/8	90	2343	DF 4054	150	3906
DF 3060	2 3/8	95	2838	DF 4060	150	4481
DF 3065	2 9/16	100	3397	DF 4065	150	5095
DF 3070	2 3/4	105	4025	DF 4070	170	6516
DF 3075	2 15/16	110	4725	DF 4075	170	7302
DF 3079	3 1/8	115	5550	DF 4079	180	8611
DF 3086	3 3/8	120	6359	DF 4086	180	9539
DF 3089	3 1/2	125	7418	DF 4089	180	10513
DF 3095	3 3/4	127	8139	DF 4095	180	11535
DF 3100	3 15/16	130	9103	DF 4100	180	12604
DF 3104	4 1/8	130	9910	DF 4104	190	14483

2 1/2" Drive

Part-No.	s mm	l mm	⚖ g	Part-No.	l mm	⚖ g
CG 3075	75	140	6653	CG 4075	180	8553
CG 3080	80	140	7371	CG 4080	180	9478
CG 3085	85	140	8127	CG 4085	180	10449
CG 3090	90	150	9557	CG 4090	200	12742
CG 3095	95	150	10445	CG 4095	200	13927
CG 3100	100	150	11373	CG 4100	200	15164
CG 3105	105	150	12341	CG 4105	220	18099
CG 3110	110	150	13348	CG 4110	220	19576
CG 3115	115	150	14394	CG 4115	220	21111
CG 3120	120	150	15480	CG 4120	220	22704
CG 3125	125	150	16605	CG 4125	220	24355

Part-No.	s inch	l mm	⚖ g	Part-No.	l mm	⚖ g
DG 3075	2 15/16	140	6653	DG 4075	180	8553
DG 3079	3 1/8	140	7371	DG 4079	180	9478
DG 3086	3 3/8	140	8127	DG 4086	180	10449
DG 3089	3 1/2	150	9557	DG 4089	200	12742
DG 3095	3 3/4	150	10445	DG 4095	200	13927
DG 3100	3 15/16	150	11373	DG 4100	200	15164
DG 3104	4 1/8	150	12341	DG 4104	220	18099
DG 3110	4 5/16	150	13348	DG 4110	220	19576
DG 3114	4 1/2	150	14394	DG 4114	220	21111
DG 3121	4 3/4	150	15480	DG 4121	220	22704
DG 3125	4 15/16	150	16605	DG 4125	220	24355

All impact sockets supplied with rubber ring and pin.
Alle Schlagschraubereinsätze werden mit Gummiring und Verbindungsstift geliefert.
Les douilles impact sont livrées avec bague caoutchouc et goupille.
Los Cubos Impact son entregados con anillos de goma y perno.

Impact extension bar
Verlängerungen für Schlagschrauber
Rallonge impact
Barras de Extensión Impact

1/2" Drive

Part-No.	a inch	l mm	⚖ g
CC 7075	1/2	75	155
CC 7125	1/2	125	260

3/4" Drive

Part-No.	a inch	l mm	⚖ g
CD 7125	3/4	125	385
CD 7250	3/4	250	530

1" Drive

Part-No.	a inch	l mm	⚖ g
CE 7150	1	150	910
CE 7300	1	300	1650

Impact universal joint
Kardangelenk für Schlagschrauber
Cardan universel impact
Conexión Universal Impact

1/2" Drive

Part-No.	a inch	l mm	⚖ g
CC 7840	1/2	60	210

3/4" Drive

Part-No.	a inch	l mm	⚖ g
CD 7840	3/4	108	370

1" Drive

Part-No.	a inch	l mm	⚖ g
CE 7840	1	113	1500

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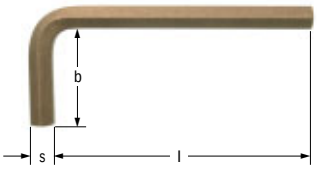
Hex key / Allen key
DIN 911
Sechskant-Winkelschraubendreher (Inbus)
Clé mâle pour vis creuse à 6 pans
Llave Hexagonal, Allen



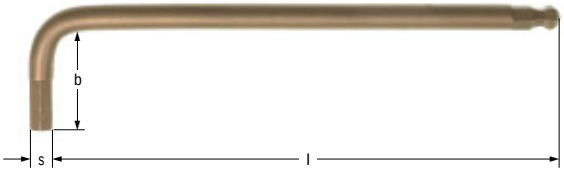
Part-No.	s mm	b mm	l mm	⚖ g
CH 0015	1.5	19	45	2
CH 0020	2	19	45	2
CH 0025	2.5	20	65	4
CH 0030	3	20	65	5
CH 0040	4	25	72	11
CH 0050	5	28	80	19
CH 0060	6	32	90	30
CH 0070	7	32	90	45
CH 0080	8	36	100	60
CH 0090	9	36	109	90
CH 0100	10	40	112	105
CH 0110	11	40	112	105
CH 0120	12	45	125	170
CH 0140	14	55	140	260
CH 0170	17	60	160	444
CH 0190	19	70	175	618
CH 0220	22	80	200	950
CH 0240	24	90	224	1260
CH 0270	27	110	250	1780
CH 0300	30	112	280	2460
CH 0320	32	125	315	3140
CH 0360	36	140	355	4470

Part-No.	s inch	b mm	l mm	⚖ g	Ref.-No.
DH 0016	1/16	19	45	5	W-1050-L
DH 0020	3/32	19	45	9	W-1050-P
DH 0024	5/64	19	45	9	W-1050-R
DH 0032	1/8	21	60	9	W-1050-A
DH 0040	5/32	22	64	9	W-1050-B
DH 0048	3/16	22	73	18	W-1050-C
DH 0056	7/32	28	80	27	W-1050-D
DH 0064	1/4	28	98	36	W-1050-E
DH 0080	5/16	36	104	64	W-1050-F
DH 0090	3/8	38	104	109	W-1050-G
DH 0110	7/16	44	131	163	W-1050-S
DH 0130	1/2	44	131	209	W-1050-H
DH 0140	9/16	44	144	281	W-1050-J
DH 0160	5/8	48	158	390	W-1050-K
DH 0180	11/16	57	185	544	W-1050-U
DH 0190	3/4	57	185	644	W-1050-M
DH 0220	7/8	57	185	898	W-1050-T
DH 0260	1	57	185	1179	W-1050-N

Sets/Sätze/Jeux/Juego

Part-No.	Parts	s mm / inch	⚖ g
CH 1007	7 pcs	1.5, 2, 2.5, 3, 4, 5, 6	130
CH 1009	9 pcs	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	535
DH 1006	6 pcs	1/16, 5/64, 3/32, 1/8, 5/32, 3/16	130
DH 1009	9 pcs	1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2	535

Ballpoint hex driver, long arm
Sechskant - Winkelschraubendreher, lang, mit Kugelkopf
Clé mâle longue à tête sphérique
Llave Hexagonal, larga, cabeza esférica

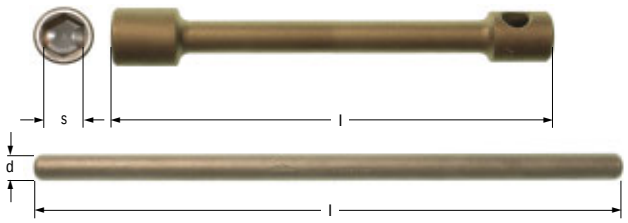


Part-No.	s mm	b mm	l mm	⚖ g
CJ 0020	2	16	75	2
CJ 0025	2.5	18	85	4
CJ 0030	3	20	90	7
CJ 0040	4	25	100	15
CJ 0050	5	28	115	24
CJ 0060	6	32	135	42
CJ 0070	7	34	140	57
CJ 0080	8	36	150	80
CJ 0090	9	38	160	110
CJ 0100	10	40	170	140

Socket wrench 6 point, with bar

DIN 3112

Steckschlüssel, 6-Kant
Clé à douille, 6 pans
Llave para Cubo, 6-Puntos



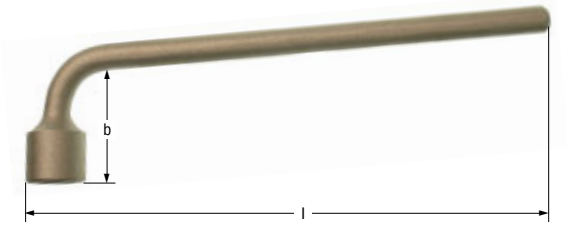
Part-No.	s mm	l mm	⚖ g	Part-No. Bar	d mm	l mm
CL 0008	8	190	110	CL 0150	6	150
CL 0009	9	200	135	CL 0150	6	150
CL 0010	10	215	160	CL 0150	6	150
CL 0011	11	230	210	CL 0150	6	150
CL 0012	12	250	260	CL 0180	8	180
CL 0013	13	265	350	CL 0180	8	180
CL 0014	14	265	350	CL 0180	8	180
CL 0015	15	280	400	CL 0200	10	200
CL 0016	16	280	400	CL 0200	10	200
CL 0017	17	300	450	CL 0200	10	200
CL 0018	18	300	450	CL 0200	10	200
CL 0019	19	325	650	CL 0230	10	230
CL 0020	20	325	650	CL 0230	10	230
CL 0021	21	350	830	CL 0230	10	230
CL 0022	22	350	830	CL 0230	10	230
CL 0023	23	380	1140	CL 0250	13	250
CL 0024	24	380	1140	CL 0250	13	250
CL 0025	25	415	1450	CL 0250	13	250
CL 0026	26	415	1450	CL 0320	13	320
CL 0027	27	415	1450	CL 0320	13	320
CL 0028	28	450	1800	CL 0400	16	400
CL 0029	29	450	1800	CL 0400	16	400
CL 0030	30	450	1800	CL 0400	16	400
CL 0032	32	485	2450	CL 0400	16	400
CL 0033	33	485	2450	CL 0400	16	400
CL 0034	34	485	2450	CL 0400	16	400
CL 0035	35	530	3300	CL 0500	16	500
CL 0036	36	530	3300	CL 0500	16	500
CL 0037	37	530	3300	CL 0500	16	500
CL 0038	38	530	3300	CL 0500	16	500
CL 0041	41	580	4000	CL 0500	16	500
CL 0042	42	580	4000	CL 0500	16	500
CL 0046	46	635	4800	CL 0630	20	630
CL 0047	47	635	4800	CL 0630	20	630
CL 0050	50	320	4900	CL 0710	25	710
CL 0052	52	320	4900	CL 0710	25	710
CL 0054	54	340	6500	CL 0710	25	710
CL 0055	55	340	6500	CL 0710	25	710
CL 0056	56	340	6500	CL 0710	25	710
CL 0058	58	360	8300	CL 0710	25	710
CL 0060	60	360	8300	CL 0710	25	710
CL 0063	63	360	8300	CL 0710	25	710
CL 0065	65	380	10500	CL 0800	32	800
CL 0067	67	380	10500	CL 0800	32	800
CL 0070	70	380	10500	CL 0800	32	800
CL 0071	71	380	10500	CL 0800	32	800
CL 0075	75	400	14300	CL 0800	32	800
CL 0077	77	400	14300	CL 0800	32	800
CL 0080	80	400	14300	CL 0800	32	800
CL 0082	82	400	14300	CL 0800	32	800
CL 0085	85	425	19200	CL 1000	38	1000
CL 0088	88	425	19200	CL 1000	38	1000
CL 0090	90	425	19200	CL 1000	38	1000
CL 0094	94	455	26000	CL 1000	38	1000
CL 0095	95	455	26000	CL 1000	38	1000
CL 0100	100	455	26000 ↓	CL 1000	38	1000 ↓

Part-No. ↓	s inch	l mm	⚖ g	Part-No. Bar ↓	d mm	l mm
DL 0008	5/16	190	110	CL 0150	6	150
DL 0009	3/8	200	160	CL 0150	6	150
DL 0010	13/32	215	210	CL 0150	6	150
DL 0011	7/16	230	260	CL 0150	6	150
DL 0013	1/2	265	350	CL 0180	8	180
DL 0014	9/16	265	350	CL 0180	8	180
DL 0015	19/32	280	400	CL 0200	10	200
DL 0016	5/8	280	400	CL 0200	10	200
DL 0018	11/16	300	450	CL 0200	10	200
DL 0019	3/4	325	650	CL 0230	10	230
DL 0020	25/32	325	650	CL 0230	10	230
DL 0021	13/16	350	830	CL 0230	10	230
DL 0022	7/8	350	830	CL 0230	10	230
DL 0024	15/16	380	1140	CL 0250	12.7	250
DL 0025	31/32	415	1450	CL 0250	12.7	250
DL 0026	1	415	1450	CL 0320	12.7	320
DL 0027	1 1/16	450	1800	CL 0320	12.7	320
DL 0029	1 1/8	450	1800	CL 0400	15.9	400
DL 0030	1 3/16	450	1800	CL 0400	15.9	400
DL 0032	1 1/4	485	2450	CL 0400	15.9	400
DL 0033	1 5/16	485	3300	CL 0400	15.9	400
DL 0035	1 3/8	530	3300	CL 0400	15.9	400
DL 0037	1 7/16	530	3300	CL 0500	15.9	500
DL 0038	1 1/2	580	4000	CL 0500	15.9	500
DL 0039	1 9/16	580	4000	CL 0500	15.9	500
DL 0041	1 5/8	580	4000	CL 0500	15.9	500
DL 0043	1 11/16	580	4800	CL 0500	15.9	500
DL 0044	1 3/4	635	4800	CL 0630	20.6	630
DL 0046	1 13/16	635	4800	CL 0630	20.6	630
DL 0048	1 7/8	635	4800	CL 0630	20.6	630
DL 0051	2	320	4900	CL 0710	25.4	710
DL 0052	2 1/16	320	4900	CL 0710	25.4	710
DL 0054	2 1/8	340	6500	CL 0710	25.4	710
DL 0056	2 3/16	340	6500	CL 0710	25.4	710
DL 0057	2 1/4	340	6500	CL 0710	25.4	710
DL 0059	2 5/16	360	8300	CL 0710	25.4	710
DL 0060	2 3/8	360	8300	CL 0710	25.4	710
DL 0062	2 7/16	360	8300	CL 0710	25.4	710
DL 0064	2 1/2	380	10500	CL 0800	32	800
DL 0065	2 9/16	380	10500	CL 0800	32	800
DL 0067	2 5/8	380	10500	CL 0800	32	800
DL 0070	2 3/4	380	10500	CL 0800	32	800
DL 0071	2 13/16	380	10500	CL 0800	32	800
DL 0075	2 15/16	400	14300	CL 0800	32	800
DL 0076	3	400	14300	CL 0800	32	800
DL 0079	3 1/8	400	14300	CL 0800	32	800
DL 0083	3 1/4	400	14300	CL 1000	38	1000
DL 0086	3 3/8	425	19200	CL 1000	38	1000
DL 0089	3 1/2	425	19200	CL 1000	38	1000
DL 0092	3 5/8	455	19200	CL 1000	38	1000
DL 0095	3 3/4	455	26000	CL 1000	38	1000
DL 0098	3 7/8	455	26000	CL 1000	38	1000

Part-No. Bar	d mm	l mm	⚖ g
CL 0150	6	150	40
CL 0180	8	180	75
CL 0200	10	200	100
CL 0230	10	230	130
CL 0250	13	250	245
CL 0320	13	320	315
CL 0400	16	400	600
CL 0500	16	500	920
CL 0630	20	630	1600
CL 0710	25	710	2750
CL 0800	32	800	4800
CL 1000	38	1000	9380

Socket wrench L-type, 6 point

Steckschlüssel, gewinkelt, 6-kant
Clé à pipe, 6 pans
Llave para Cubo, Tipo-L, 6-Puntos

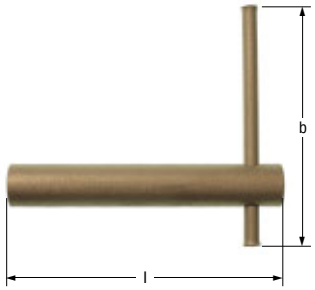


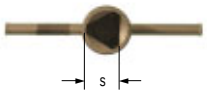
Part-No.	s mm	b mm	l mm	⚖ g
CN 0008	8	33	175	100
CN 0009	9	35	185	120
CN 0010	10	37	195	140
CN 0011	11	39	205	180
CN 0012	12	42	220	220
CN 0013	13	45	240	280
CN 0014	14	45	240	280
CN 0015	15	48	250	300
CN 0016	16	48	250	300
CN 0017	17	51	270	320
CN 0018	18	51	270	320
CN 0019	19	55	290	530
CN 0020	20	55	290	530
CN 0021	21	59	310	680
CN 0022	22	59	310	680
CN 0023	23	63	335	830
CN 0024	24	63	335	830
CN 0025	25	69	365	1000
CN 0026	26	69	365	1000
CN 0027	27	69	365	1000
CN 0028	28	75	395	1300
CN 0029	29	75	395	1300
CN 0030	30	75	395	1300
CN 0032	32	81	425	1700
CN 0033	33	81	425	1700
CN 0034	34	81	425	1700
CN 0035	35	89	465	2800
CN 0036	36	89	465	2800
CN 0037	37	89	465	2800
CN 0038	38	89	465	2800
CN 0041	41	96	510	3600
CN 0042	42	96	510	3600
CN 0046	46	105	555	4000
CN 0047	47	105	555	4000
CN 0050	50	114	605	4800
CN 0052	52	114	605	4800
CN 0054	54	120	660	6400
CN 0055	55	120	660	6400
CN 0056	56	120	660	6400
CN 0058	58	138	730	8200
CN 0060	60	138	730	8200
CN 0063	63	138	730	8200
CN 0065	65	150	800	10400
CN 0067	67	150	800	10400
CN 0070	70	150	800	10400
CN 0071	71	150	800	10400
CN 0075	75	166	880	14100
CN 0077	77	166	880	14100
CN 0080	80	166	880	14100
CN 0082	82	166	880	14100

Part-No.	s inch	b mm	l mm	⚖ g
DN 0008	5/16	33	175	100
DN 0009	3/8	37	195	140
DN 0010	13/32	39	205	180
DN 0011	7/16	42	220	220
DN 0013	1/2	45	240	280
DN 0014	9/16	45	240	280
DN 0015	19/32	48	250	300
DN 0016	5/8	48	250	300
DN 0018	11/16	51	270	320
DN 0019	3/4	55	290	530
DN 0020	25/32	55	290	530
DN 0021	13/16	59	310	680
DN 0022	7/8	59	310	680
DN 0024	15/16	63	335	830
DN 0025	31/32	69	365	1000
DN 0026	1	69	365	1000
DN 0027	1 1/16	75	395	1300
DN 0029	1 1/8	75	395	1300
DN 0030	1 3/16	75	395	1300
DN 0032	1 1/4	81	425	1700
DN 0033	1 5/16	81	425	1700
DN 0035	1 3/8	89	465	2800
DN 0037	1 7/16	89	465	2800
DN 0039	1 1/2	89	465	2800
DN 0040	1 9/16	96	510	3600
DN 0042	1 5/8	96	510	3600
DN 0043	1 11/16	96	510	3600
DN 0044	1 3/4	105	555	4000
DN 0046	1 13/16	105	555	4000
DN 0048	1 7/8	105	555	4000
DN 0051	2	114	605	4800
DN 0052	2 1/16	114	605	4800
DN 0054	2 1/8	120	660	6400
DN 0056	2 3/16	120	660	6400
DN 0057	2 1/4	120	660	6400
DN 0059	2 5/16	138	730	8200
DN 0060	2 3/8	138	730	8200
DN 0062	2 7/16	138	730	8200
DN 0064	2 1/2	150	800	10400
DN 0065	2 9/16	150	800	10400
DN 0067	2 5/8	150	800	10400
DN 0070	2 3/4	150	800	10400
DN 0071	2 13/16	150	800	10400
DN 0075	2 15/16	166	880	14100
DN 0076	3	166	880	14100
DN 0079	3 1/8	166	880	14100
DN 0083	3 1/4	166	880	14100

Socket wrench 3 point, for switch-board security DIN 22417

Dreikantsteckschlüssel
Clé à douille 3 pans, pour boîte de distribution
Llave para Cubo, 3-Puntos, Armario Eléctrico

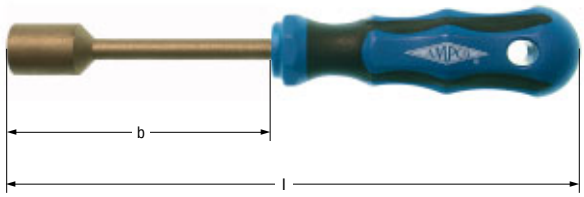




Part-No.	s mm	b mm	l mm	⚖ g
CS 0004	M 4	50	90	70
CS 0005	M 5	68	100	105
CS 0006	M 6	86	112	180
CS 0008	M 8	105	125	270
CS 0010	M 10	130	140	420
CS 0012	M 12	206	160	660
CS 0016	M 16	206	180	1150
CS 0020	M 20	250	200	1900
CS 0024	M 24	315	224	3300

Hex nut driver

Mutterndreher
Clé à douille pour boulons à six pans
Dirigidor de Tuercas Hexagonales



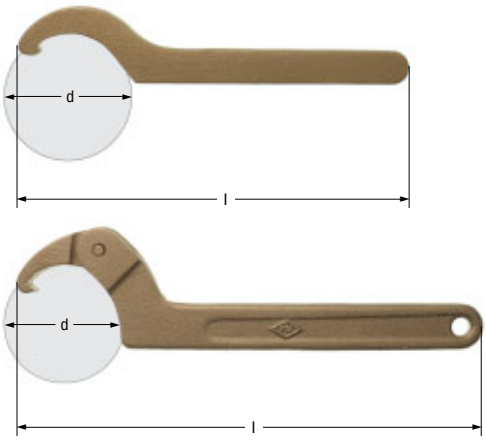
Part-No.	s mm	b mm	l mm	⚖ g
CT 0035	3.5	85	175	55
CT 0040	4	85	180	55
CT 0045	4.5	85	180	60
CT 0050	5	85	185	60
CT 0055	5.5	90	190	65
CT 0060	6	90	190	65
CT 0065	6.5	90	190	80
CT 0070	7	100	200	80
CT 0075	7.5	100	200	100
CT 0080	8	100	210	100
CT 0090	9	100	210	115
CT 0100	10	110	220	115
CT 0110	11	110	220	130
CT 0120	12	110	230	170
CT 0130	13	110	230	210
CT 0140	14	120	240	210
CT 0150	15	120	240	235
CT 0160	16	130	250	235
CT 0170	17	130	250	240

Part-No.	s inch	b mm	l mm	⚖ g
DT 0031	1/8	85	175	55
DT 0040	5/32	85	180	55
DT 0048	3/16	85	185	60
DT 0056	7/32	90	190	65
DT 0064	1/4	90	190	80
DT 0080	5/16	100	210	100
DT 0100	3/8	110	220	115
DT 0120	7/16	110	230	170
DT 0130	1/2	110	230	210
DT 0150	9/16	120	240	235
DT 0160	5/8	130	250	235
DT 0170	11/16	130	250	240

Hook spanner, fixed/adjustable hook

DIN 1810

Hakenschlüssel / Gelenkhakenschlüssel
Clé à ergot / à ergot articulé
Llave de Gancho / de Gancho Ajustable



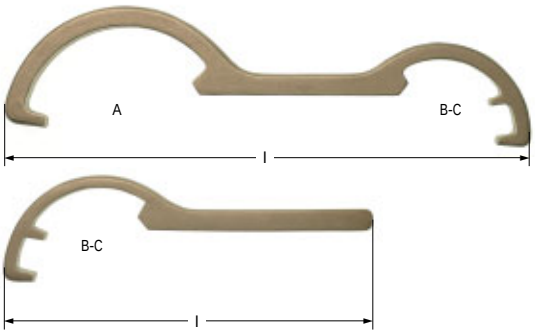
Part-No.	d mm	d inch	l mm	⚖ g
CV 0014	12 - 14	15/32 - 9/16	110	30
CV 0020	16 - 20	5/8 - 13/16	110	30
CV 0028	25 - 28	31/32 - 1 1/8	136	50
CV 0032	30 - 32	1 3/16 - 1 1/4	136	50
CV 0036	34 - 36	1 5/16 - 1 7/16	170	100
CV 0042	40 - 42	1 9/16 - 1 11/16	170	100
CV 0050	45 - 50	1 3/4 - 2	205	190
CV 0055	52 - 55	2 1/16 - 2 3/16	205	190
CV 0062	58 - 62	2 1/4 - 2 7/16	245	265
CV 0075	68 - 75	2 11/16 - 2	245	265
CV 0090	80 - 90	3 1/8 - 3 1/2	285	410
CV 0100	95 - 100	3 3/4 - 4	285	410
CV 0115	110 - 115	3 5/16 - 4 9/16	335	730
CV 0130	120 - 130	4 11/16 - 5 1/8	335	730
CV 0145	135 - 145	5 5/16 - 5 3/4	385	1150
CV 0165	155 - 165	6 1/8 - 6 1/2	385	1150

Part-No.	d mm	d inch	l mm	⚖ g	Ref.-No.
CV 2000	32 - 75	1 1/4 - 3	205	230	WP-5-ST
CV 2100	50 - 120	2 - 4 3/4	285	450	WP-6-ST
CV 2200	115 - 170	4 1/2 - 6 3/4	310	500	WP-7-ST

Hose coupling wrench

DIN 14822

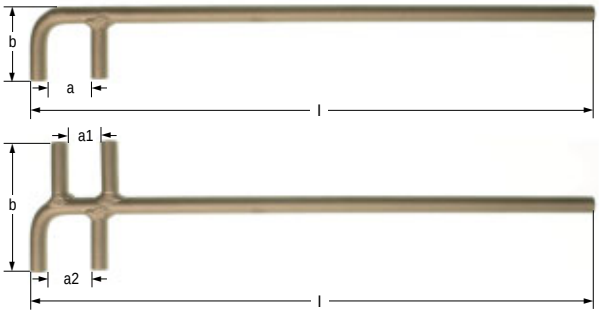
Kupplungsschlüssel
Clé pour raccord de tuyau
Llave de Ansas Acopladas



Part-No.		i.w. dia mm	l mm	⚖ g
CW 1000	A, B - C	110 - 75 - 52	455	1100
CW 2000	B-C	75 - 52	285	460

Valve wheel hook

Ventilhaken
Clé à valve
Gancho Girador de Válvulas



Part-No.	a mm	b mm	l mm	⚖ g
CX 0300	30	56	300	350
CX 0350	35	61	350	600
CX 0400	40	72	400	680
CX 0450	45	77	450	1110
CX 0500	50	88	500	1200
CX 0600	60	104	600	2000
CX 0700	70	120	700	3000
CX 0800	80	136	800	5300

Part-No.	a1 x a2 mm	b mm	l mm	⚖ g
CX 2000	30x40	113	500	720

Valve wheel key

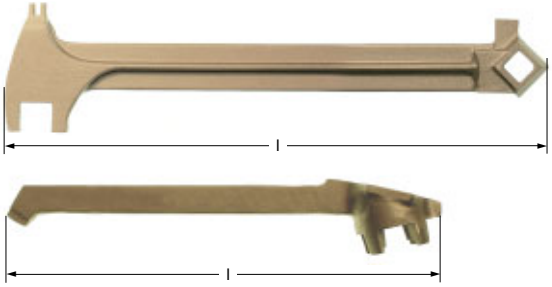
DIN 87311

Handradschlüssel
Clé à volant
Llave Giradora de Válvulas

Part-No.	d mm	D max. mm	a mm	l mm	⚖ g
CX 5000	36	180	60	370	650
CX 5100	48	400	80	430	1300
CX 5200	62	720	102	550	2550

Multi-head bung wrench

Universalfassschlüssel
Clé universelle pour débonder les fûts
Llave Taponadora Universal

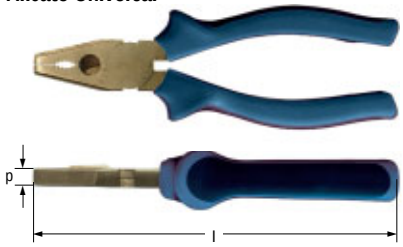


Part-No.	l mm	⚖ g	Ref.-No.
CY 1000	385	1300	W-58-S
CY 2000	305	680	W-56

Pliers, combination, with cutter

DIN 5244 | ISO 5746

Kombinationszange
Pince universelle
Alicate Universal

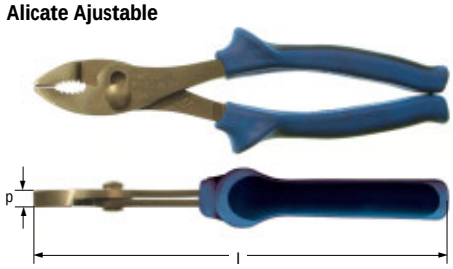


Part-No.	p inch	l mm	⚖ g	Ref.-No.
EA 1700	13	170	285	P-34
EA 2000	15	200	343	P-35

Pliers, adjustable, combination

ISO 9343

Verstellbare Kombinationszange
Pince combinée
Alicate Ajustable



Part-No.	d max. inch	mm	p mm	l mm	⚖ g	Ref.-No.
EB 2050	1	25	12	205	238	P-31

Pliers, groove joint

DIN 5231 F | ISO 8976

Wasserpumpenzange, DIN 5231 F
Pince multiprise
Pinza Junta Estrila

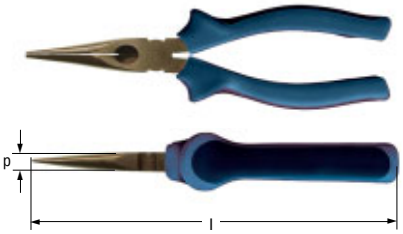
Part-No.	a max. inch	mm	p mm	l mm	⚖ g	Ref.-No.
EC 2500	1 1/2	40	10	250	380	P-39
EC 3000*	2 1/8	50	12	300	635	P-312
EC 4000*	3 3/8	85	14	400	1195	P-316

"Quality tools means people safety"
www.safetytools.com

Pliers, long nose, with cutter

ISO 5745

Telefonzange
Pince demi-ronde, long bec
Alicate de Punta Larga con Cortador



Part-No.	p mm	l mm	⚖ g	Ref.-No.
EE 1800	10	180	184	P-326

Pliers, flat nose

DIN 5248 | ISO 5745

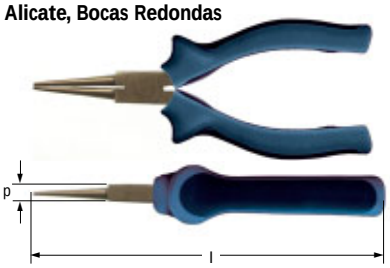
Flachzange
Pince plate
Alicate de Punta Aplanada

Part-No.	p mm	l mm	⚖ g
EF 1600	8	160	105

Pliers, round nose

DIN 5249 | ISO 5745

Rundzange
Pince becs ronds
Alicate, Bocas Redondas

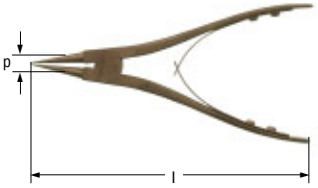


Part-No.	p mm	l mm	⚖ g
EG 1550	8	160	105

Pliers, snap ring, outside

DIN 5254

Sicherungsringzange (Außen)
Pince pour circlips extérieurs
Pinza Abre Anillos Exteriores

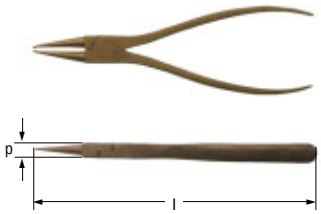


Part-No.	Ring dia mm	p mm	l mm	⚖ g
EH 0140	3 - 10	7	140	85
EH 1140	10 - 25	7	140	85
EH 2180	19 - 60	9	180	125
EH 3225	40 - 100	11	225	245
EH 4305	85 - 165	14	305	620
EH 5500	125 - 300	17	500	1225

* Without cover / Ohne Griffschale
Sans protection / Sin la protección

Pliers, snap ring, inside
DIN 5256

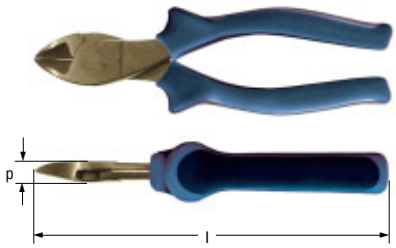
Sicherungsringzange (Innen)
Pince pour circlips intérieurs
Pinza Abre Anillos Interiores



Part-No.	Ring dia mm	p mm	l mm	⚖ g
EJ 1140	8 - 25	7	140	65
EJ 2180	19 - 60	9	180	135
EJ 3220	40 - 100	11	220	250
EJ 4270	85 - 165	15	270	465
EJ 5500	125 - 300	17	500	1120

Pliers, diagonal cutting
DIN 5238 | **ISO 5749**

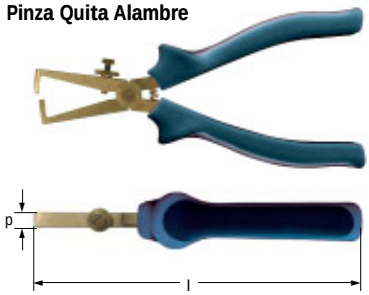
Seitenschneider
Pince coupante diagonale
Alicate de Corte Diagonal



Part-No.	p mm	l mm	⚖ g
EK 1550	9	155	170
EK 1800	12	180	185

Pliers, wire stripping

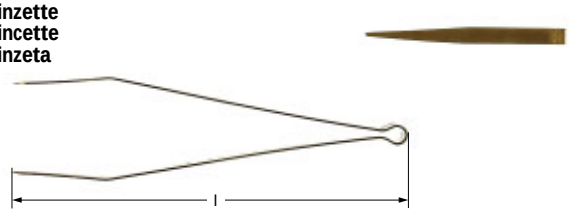
Abisolierzange
Pince à dénuder
Pinza Quita Alambre



Part-No.	Dia mm	p mm	l mm	⚖ g
EL 1550	0.5 - 5	8	155	122

Tweezers

Pinzette
Pincette
Pinzeta



Part-No.	l mm	⚖ g
EM 1100	110	12

Pliers, top cutting
DIN 5234 | **ISO 6748**

Vornschneider
Pince à tête coupante
Pinza de Corte Superior

Part-No.	p mm	l mm	⚖ g
EN 1850	12	185	315

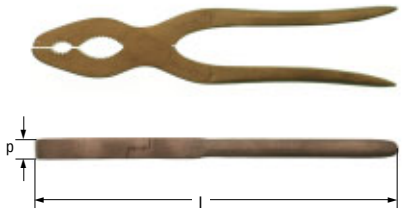
Pliers, cutting
DIN 5241 | **ISO 9243**

Beißzange
Tenaille
Pinza Cortadora

Part-No.	p	l mm	⚖ g	Ref.-No.
EP 2000	20	200	488	P-1182

Pliers, pipe
DIN 5247

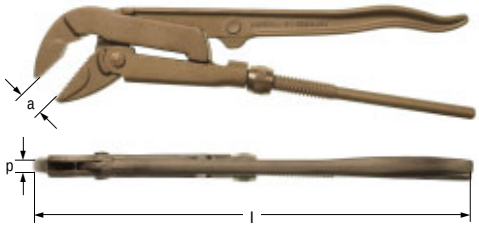
Gasbrennerzange
Pince à gaz
Alicate para Tubo Gas



Part-No.	p	l mm	⚖ g
ER 2500	13	250	618

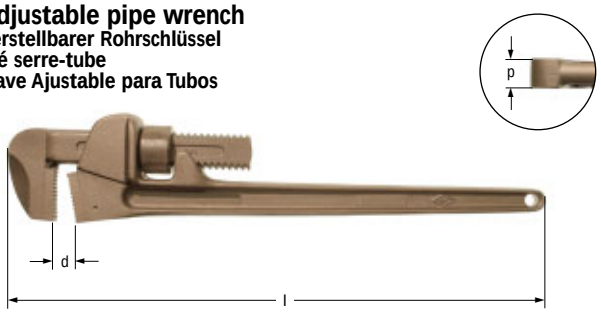
Pliers, Swedish
DIN 5234 B

Eckrohrzange
Clé serre-tube, type suédois
Pinza Sueca



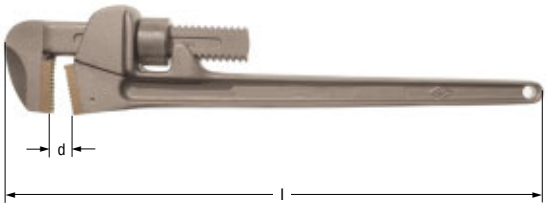
Part-No.	a max. inch	mm	p mm	l mm	⚖ g
ES 3500	1	35	16	320	735
ES 4400	1 1/2	45	22	440	1420
ES 5600	2	55	25	560	2525

Adjustable pipe wrench
Verstellbarer Rohrschlüssel
Clé serre-tube
Llave Ajustable para Tubos



Bronze

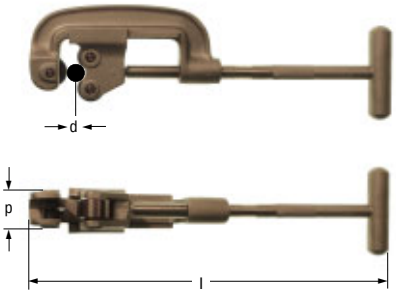
Part-No.	d max. inch	mm	p mm	l mm	⚖ g	Ref.-No.
ET 0215	3/4	19	18	215	605	W-210
ET 0280	1	25	20	280	930	W-211
ET 0350	1 1/2	28	38	350	1435	W-212
ET 0420	2	50	26	420	2180	W-213
ET 0565	2 1/2	65	30	565	3810	W-214
ET 0770	3 1/2	90	35	770	7220	W-215
ET 1110	5	130	39	1100	10400	W-216



Aluminium

Part-No.	d max. inch	mm	p mm	l mm	⚖ g	Ref.-No.
ET 1280	1	25	20	280	615	W-211 Al
ET 1350	1 1/2	38	23	350	955	W-212 Al
ET 1420	2	50	26	420	1485	W-213 Al
ET 1565	2 1/2	65	30	565	2480	W-214 Al
ET 1770	3 1/2	90	35	770	4215	W-215 Al
ET 2110	5	130	39	1100	8040	W-216 Al

Pipe cutter
Rohrabschneider
Coupe-tube
Cortadora Tubo



Part-No.	d max. inch	mm	p mm	l mm	⚖ g
EV 2050	2	50	50	430	2500

Hardened-steel cutting wheel
Schneidrad Stahl gehärtet
Roue coupante en acier trempé
Rueda Cortadora en Acero Templado

Chain pipe wrench
Kettenrohrzange
Serre-tube à chaîne
Llave Encadenadora de Tubos

Part-No.	d max. inch	mm	p mm	l mm	⚖ g	Ref.-No.
EU 0510	1 1/2	38	55	510	2650	W-60
EU 0685	2 1/2	65	62	685	4500	W-61
EU 0915	4	100	76	915	12710	W-63
EU 1830	12	305	90	1830	30730	W-62

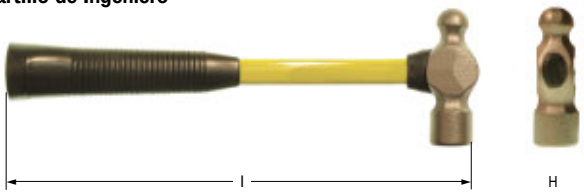
Hammer, cross peen, German type
DIN 1041
Schlosserhammer
Marteau, mécanicien
Martillo de Ingeniero de Golpe Cruzado

Part-No.	H g	l mm	⚖ g
FS 0100	100	260	150
FS 0150	150	280	220
FS 0200	200	280	300
FS 0300	300	300	400
FS 0400	400	320	520
FS 0500	500	320	650
FS 0600	600	330	750
FS 0700	700	350	900
FS 0800	800	350	1000
FS 1000	1000	360	1250
FS 1250	1250	380	1550
FS 1500	1500	380	1850
FS 2000	2000	400	2400

Hammer, cross peen, heavy duty
DIN 1042
Vorschlaghammer
Masse, type allemand
Martillo de Golpe Cruzado

Part-No.	H g	l mm	⚖ g
FV 0250	2500	600	2900
FV 0300	3000	600	3600
FV 0400	4000	600	4600
FV 0500	5000	800	5700
FV 0600	6000	800	6800
FV 0800	8000	900	9000
FV 1000	10000	900	11200
FV 1500	15000	920	16500

Hammer, ball peen
Schlosserhammer, amerikanische Form
Marteau de mécanicien, type américain
Martillo de Ingeniero



Part-No.	H lbs	H g	l mm	⚖ g	Ref.-No.
FD 1000	0.25	115	250	170	H-00
FD 1001	0.75	340	350	585	H-1
FD 1002	1.00	455	350	700	H-2
FD 1003	1.50	680	360	895	H-3g
FD 1004	2.00	905	360	1170	H-4
FD 1005	2.25	1020	360	1305	H-5
FD 1006	2.75	1250	360	1410	H-6

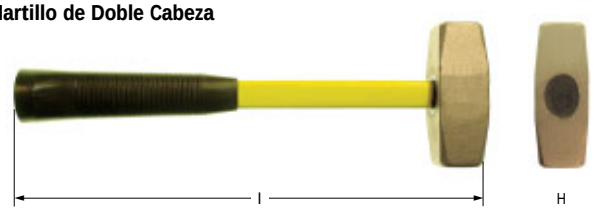
Hammer, cross peen engineer's
Handhammer, amerikanische Form
Massette anglaise
Martillo de Ingeniero de Golpe Cruzado

Part-No.	H lbs	H g	l mm	⚖ g	Ref.-No.
FC 0040	1.50	680	355	970	H-40
FC 0041	2.50	1135	380	1510	H-41
FC 0042	3.50	1590	380	1950	H-42

Hammer, sledge, German type
DIN 6475
Fäustel
Masse à pans
Acotillo

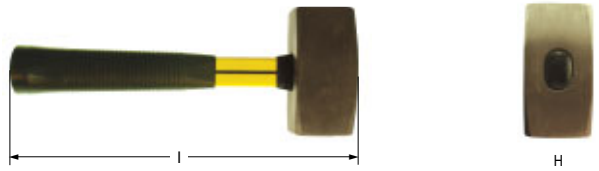
Part-No.	H g	l mm	⚖ g
FF 0100	1000	360	1200
FF 0125	1250	380	1450
FF 0150	1500	380	1750
FF 0200	2000	400	2250
FF 0250	2500	600	2800
FF 0300	3000	600	3350
FF 0400	4000	600	4400
FF 0500	5000	800	5500
FF 0600	6000	800	6600
FF 0800	8000	900	8700
FF 1000	10000	900	10800

Hammer, double face engineer's
Handhammer, amerikanische Form
Massette carrée
Martillo de Doble Cabeza



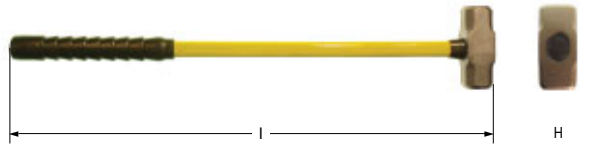
Part-No.	H lbs	H g	l mm	⚖ g	Ref.-No.
FE 0014	1.75	800	355	1045	H-14
FE 0015	2.25	1020	355	1280	H-15
FE 0016	2.75	1250	380	1530	H-16
FE 0017	3.00	1360	350	1680	H-17

Hammer, club
Fäustel, Club-Hammer
Massette carrée
Martillo de Doble Cabeza



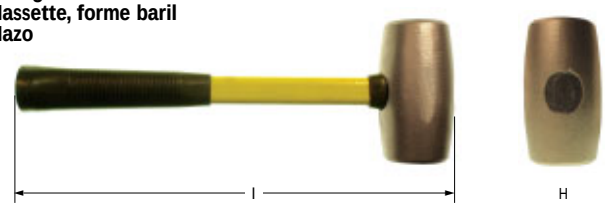
Part-No.	H lbs	H g	l mm	⚖ g	Ref.-No.
FG 0321	2.00	910	255	1185	H-321
FG 0323	4.00	1820	280	2020	H-323

Hammer, sledge
Fäustel, amerikanische Form
Masse à pans
Acotillo



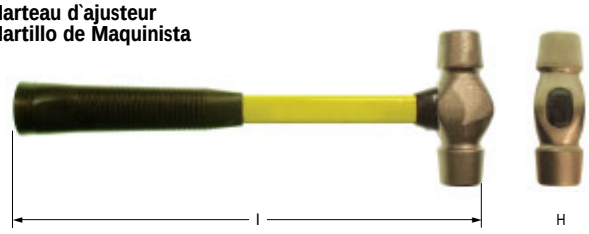
Part-No.	H lbs	H g	l mm	⚖ g	Ref.-No.
FG 0069	3.00	1360	380	1570	H-69
FG 0070	5.00	2270	840	3220	H-70
FG 0071	7.50	3400	840	4300	H-71
FG 0072	10.00	4540	840	5030	H-72
FG 0073	15.00	6800	840	7300	H-73
FG 0074	18.00	8170	840	8740	H-74

Mallet
Schlägel
Massette, forme baril
Mazo



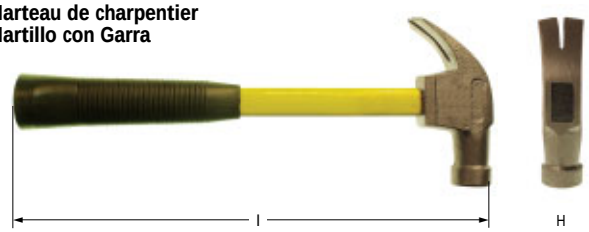
Part-No.	H lbs	H g	l mm	⚖ g	Ref.-No.
FH 0001	2.00	900	360	1110	M-1
FH 0002	4.00	1820	380	1990	M-2
FH 0003	6.00	2730	380	2870	M-3

Hammer, double face machinist's
Maschinistenhammer
Marteau d`ajusteur
Martillo de Maquinista



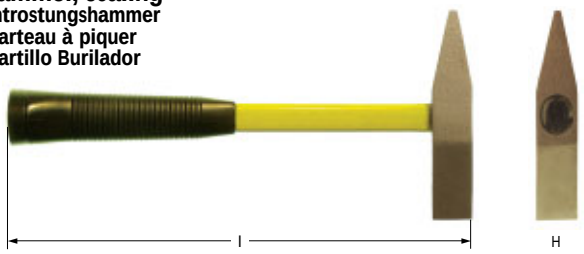
Part-No.	H lbs	H g	l mm	⚖ g	Ref.-No.
FJ 0044	0.25	115	250	170	H-44
FJ 0045	1.50	680	360	895	H-45
FJ 0046	1.75	800	360	920	H-46
FJ 0047	2.00	910	360	1080	H-47

Hammer, claw
Klauenhammer
Marteau de charpentier
Martillo con Garra



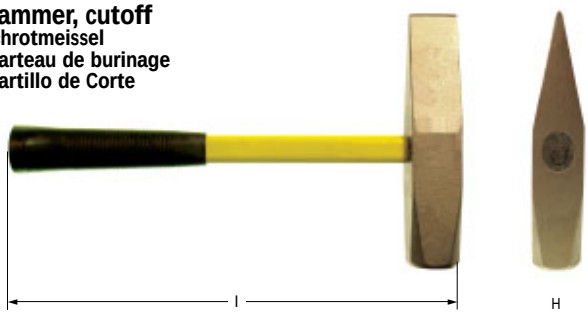
Part-No.	H lbs	H g	l mm	⚖ g	Ref.-No.
FK 0019	0.75	340	360	645	H-19
FK 0020	1.00	455	360	760	H-20
FK 0021	1.25	570	360	955	H-21

Hammer, scaling
Entrostungshammer
Marteau à piquer
Martillo Burilador



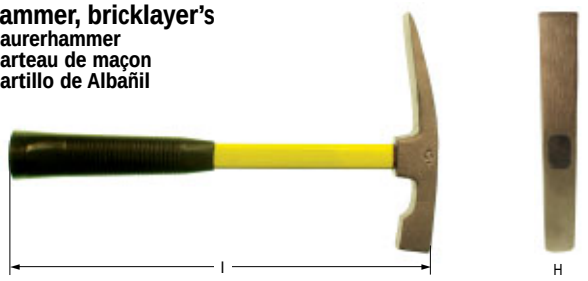
Part-No.	H lbs	H g	l mm	⚖ g	Ref.-No.
FL 0060	1.00	455	355	680	H-60
FL 0061	1.50	680	355	930	H-61
FL 0062	3.00	1360	380	1550	H-62

Hammer, cutoff
Schrotmeissel
Marteau de burinage
Martillo de Corte



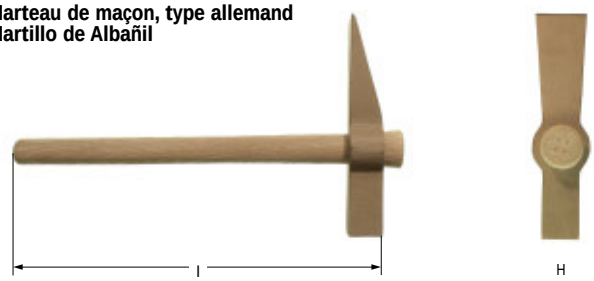
Part-No.	H lbs	H g	l mm	⚖ g	Ref.-No.
FM 0050	3.00	1360	380	1495	H-50
FM 0051	5.00	2270	380	2400	H-51

Hammer, bricklayer's
Maurerhammer
Marteau de maçon
Martillo de Albañil



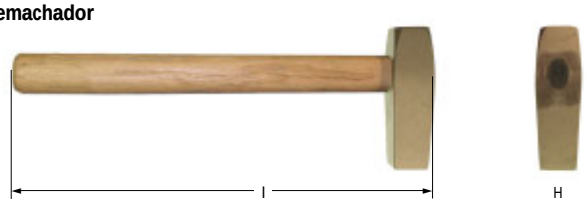
Part-No.	H lbs	H g	l mm	⚖ g	Ref.-No.
FN 0010	1.50	680	360	1030	H-10

Hammer, bricklayer's
DIN 5108
Maurerhammer
Marteau de maçon, type allemand
Martillo de Albañil



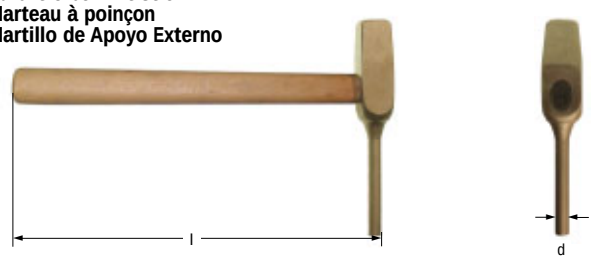
Part-No.	H g	l mm	⚖ g
FN 0600	600	290	710
FN 0800	800	300	970

Riveter
Setzhammer
Marteau à riveter
Remachador



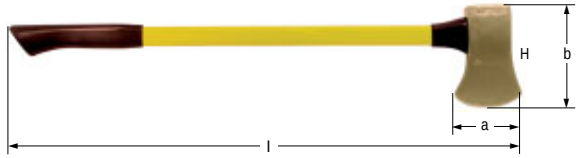
Part-No.	H g	l mm	⚖ g
FP 1500	1500	380	1700

Hammer, backing out tool
Durchtreiber mit Stiel
Marteau à poinçon
Martillo de Apoyo Externo



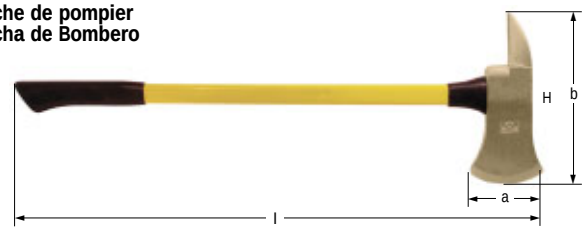
Part-No.	d mm	l mm	⚖ g
FR 0008	8	330	500
FR 0010	10	330	550
FR 0012	12	350	800
FR 0016	16	350	860

Axe, flat head
Axt
Hache d´abattage
Hacha



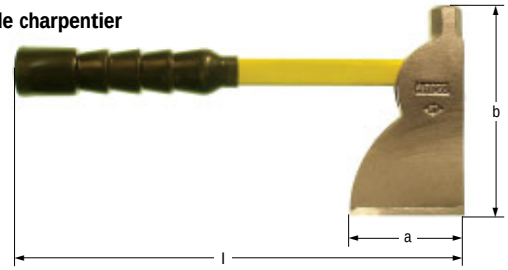
Part-No.	H g	a mm	b mm	l mm	⚖ g	Ref.-No.
FA 0005	1500	125	200	920	2770	A-5FG
FA 0006	2400	125	200	920	3630	A-6FG

Axe, pick head
Feuerwehraxt
Hache de pompier
Hacha de Bombero



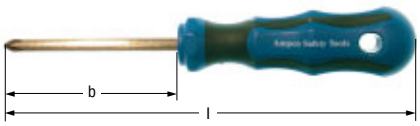
Part-No.	H g	a mm	b mm	l mm	⚖ g	Ref.-No.
FA 0015	1850	125	300	920	3040	A-15FG
FA 0016	2950	125	300	920	4200	A-16FG

Hatchet
Beil
Hachette de charpentier
Hachuela



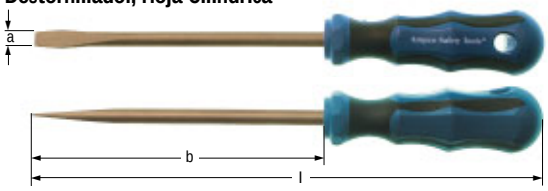
Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
FB 0090	95	170	355	980	H-90FG

Screwdriver, Phillips type
Kreuzschlitz-Schraubendreher
Tournevis Phillips
Destornillador Estrella



Part-No.	PH No.	b mm	l mm	⚖ g	Ref.-No.
GK 0006	0	60	150	25	
GK 1008	1	80	170	60	S-1099a
GK 2010	2	100	200	85	S-1099
GK 3015	3	150	260	135	S-1100
GK 4020	4	200	320	230	S-1101

Screwdriver
Schlitz-Schraubendreher
Tournevis, lame cylindrique
Destornillador, Hoja Cilindrica

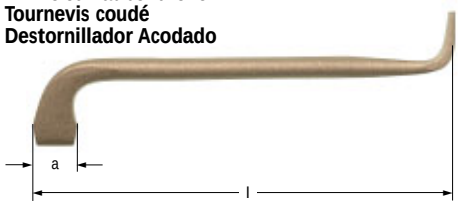


Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
GF 0306	3	60	150	20	
GF 0315*	3	150	240	60	S-54
GF 0407	4	70	160	35	
GF 0412*	4	120	210	45	
GF 0508	5	80	170	50	
GF 0510*	5	100	190	60	S-53
GF 0520*	5	200	290	75	S-55
GF 0605	6	50	150	60	S-52
GF 0610	6	100	200	80	
GF 0615*	6	150	250	85	
GF 0808	8	80	190	70	S-48
GF 0815	8	150	260	130	S-49
GF 1020	10	200	320	225	S-50
GF 1030	10	300	420	305	S-51
GF 1038	10	380	500	345	S-56

Sets / Sätze / Jeux / Juego

Part-No.	Content - Inhalt - Contenu - Contenido	⚖ g	Ref.-No.
GS 1001	8 x 80, 8 x 150, 10 x 200 mm, PH No. 2	625	M-38
GS 1002	8 x 80, 8 x 150, 10 x 200 mm PH No. 1, 2, 3	845	M-39
GS 1003	3 x 150, 4 x 120, 5 x 200, 6 x 150 mm	265	

Screwdriver, offset
Winkelschraubendreher
Tournevis coudé
Destornillador Acodado



Part-No.	a mm	l mm	⚖ g	Ref.-No.
GW 0412	4	120	25	
GW 0613	6	135	40	S-1004b
GW 1014	10	140	60	S-1004
GW 1319	13	190	200	S-1005

Punch, machinist's
Durchtreiber, konisch
Chasse-clou, série lourde
Punzón de Mecánico

Part-No.	a mm	s mm	l mm	⚖ g	Ref.-No.
HB 0040	5	16	215	255	P-40
HB 0041	10	19	230	420	P-41
HB 0042	13	25	255	880	P-42

* Electrician's / Elektriker-Ausführung
Exécution d'électricien / Electricista

Drift pin, straight type
Durchtreiber, konisch
Chasse-clou
Perno de Dirección, Tipo Recto

Part-No.	a mm	d mm	l mm	⚖ g	Ref.-No.
HB 0020	6	13	150	100	D-20
HB 0021	7	17	150	100	D-21
HB 0022	8	21	205	175	D-22
HB 0023	12	24	255	645	D-23
HB 0024	13	29	255	865	D-24

Punch
DIN 6458
Durchtreiber
Chasse-clou standard
Punzón

Part-No.	a mm	d mm	l mm	⚖ g
HA 0112	1	8	120	38
HA 0212	2	8	120	40
HA 0312	3	8	120	40
HA 0412	4	8	120	40
HA 0512	5	10	120	60
HA 0612	6	10	120	65
HA 0716	7	13	160	140
HA 0816	8	13	160	140
HA 0916	9	16	160	220
HA 1016	10	16	160	220
HA 1216	12	16	160	220
HA 1416	14	16	160	220
HA 1620	16	19	200	500
HA 1820	18	19	200	500
HA 2020	20	22	200	620

Drift pin, barrel type
Durchtreiber, spindelförmig
Broche fusiforme
Perno de Dirección, Tipo Barril

Part-No.	a mm	d mm	l mm	⚖ g	Ref.-No.
HC 0001	8	17	200	230	D-1
HC 0002	8	21	200	360	D-2
HC 0003	10	24	200	415	D-3
HC 0004	13	27	200	630	D-4
HC 0005	18	30	200	880	D-5
HC 0006	22	33	200	1050	D-6

Double-end scriber
Reissnadel
Pointe à tracer double
Rayador de Doble Extremo

Part-No. mm	d mm	l mm	⚖ g
HG 0225	4	225	45

Pin punch
DIN 6450
Splinttreiber
Chasse-goupilles
Botador

Part-No.	a mm	d mm	l mm	⚖ g
HD 0111	1.5	8	110	50
HD 0211	2	8	110	50
HD 0311	3	8	110	50
HD 0412	4	10	120	80
HD 0513	5	10	130	90
HD 0614	6	10	140	100
HD 0815	8	13	150	140
HD 1016	10	13	160	160
HD 1318	13	16	180	340
HD 1620	16	16	200	400

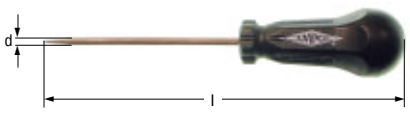
Pin punch
Splinttreiber
Chasse-goupilles, série légère
Botador

Part-No.	a mm	d mm	l mm	⚖ g	Ref.-No.
HE 0050	3	10	130	40	P-50
HE 0051	6	14	150	120	P-51
HE 0052	10	14	180	160	P-52
HE 0053	13	18	200	290	P-53
HE 0054	16	20	300	655	P-54

Center punch
Körner
Pointeau
Punzón de Marcar

Part-No.	a mm	d mm	l mm	⚖ g
HF 1290	8	100	30	P-1290
HF 1291	10	115	45	P-1291
HF 1292	13	125	95	P-1292
HF 1293	16	150	175	P-1293

Awl
Vorstecher
Alène
Lesna



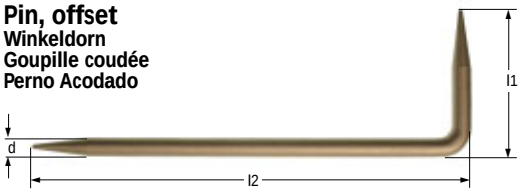
Part-No.	d mm	l mm	⚖ g
HH 0185	4	185	65

Pin, straight
Zugdorn
Goupille droite
Perno Recto

DIN 6459

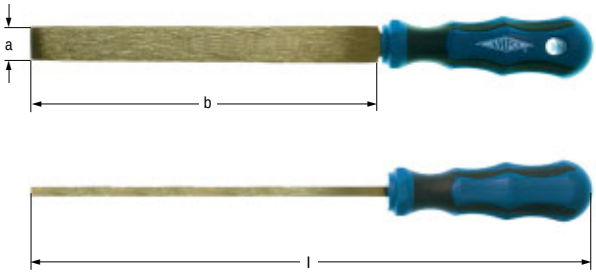
Part-No.	d mm	l mm	⚖ g
HJ 0085	8	85	40
HJ 0090	10	90	50
HJ 0100	13	100	70
HJ 0110	16	110	100
HJ 0140	19	140	180
HJ 0160	21	160	270
HJ 0200	25	200	450
HJ 0240	29	240	630

Pin, offset
Winkeldorn
Goupille coudée
Perno Acodado



Part-No.	d mm	l1 mm	l2 mm	⚖ g
HK 1600	16	150	450	930
HK 1900	19	150	450	1300
HK 2500	25	150	450	2000
HK 2900	29	150	450	2300
HK 3000	30	150	450	3300

Scraper, flat
Flachschaber
Grattoir de mécanicien
Raspador Plano



Part-No.	a mm	b mm	l mm	⚖ g
JA 0200	20	200	310	210

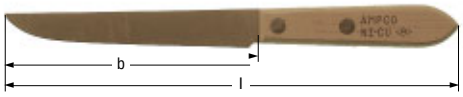
Scraper, triangular
Dreikantschaber
Grattoir triangulaire
Raspador Triangular

Part-No.	b mm	l mm	⚖ g
JB 0200	200	310	185

Knife, common
Messer
Couteau, forme droite
Cuchillo Común

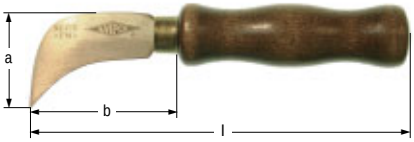
Part-No.	b mm	l mm	⚖ g	Ref.-No.
JC 0001	80	175	30	K-1

Knife, common
Messer
Couteau, forme courbée
Cuchillo Común



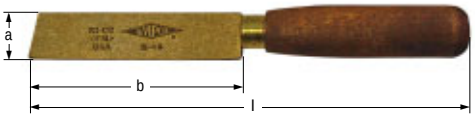
Part-No.	b mm	l mm	⚖ g	Ref.-No.
JC 0005	145	260	80	K-5

Knife, linoleum
Linoleum-Messer
Couteau à linoleum
Cuchillo Linoleo



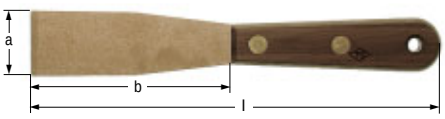
Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
JC 0040	50	60	190	80	K-40

Knife, utility
Universalmesser
Couteau de cordonnier
Cuchillo Zapatero



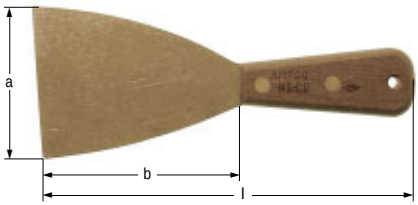
Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
JC 0010	25	105	220	75	K-10

Knife, putty, stiff blade
Spachtel, starres Blatt
Couteau de vitrier, lame rigide
Espátula de Hoja Rígida



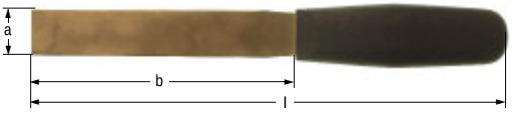
Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
JD 0020	20	90	190	65	K-15
JD 0030	30	90	195	75	K-21
JD 0050	50	105	205	120	K-20
JD 0090	90	115	220	165	K-30

Knife, putty, flexible blade
Spachtel, biegsames Blatt
Couteau de vitrier, lame souple
Espátula de Hoja Flexible



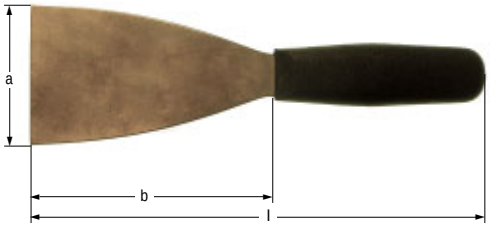
Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
JD 1090	90	115	220	115	K-31

Knife, putty, stiff blade, with anti-static handle
Spachtel, starres Blatt, mit antistatischem Griff
Couteau de vitrier, lame rigide, à poignée anti-statique
Espátula de Hoja Rígida, Mango anti-estático



Part-No.	a mm	b mm	l mm	⚖ g
JD 1025	25	140	250	100
JD 1050	50	130	240	125
JD 1075	75	130	240	150

Knife, putty, flexible blade, with anti-static handle
Spachtel, biegsames Blatt, mit antistatischem Griff
Grattoir à mastic, lame souple, à poignée anti-statique
Espátula de Hoja Flexible, Mango anti-estático

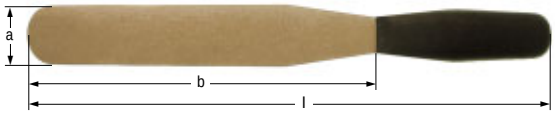


Part-No.	a mm	b mm	l mm	⚖ g
JD 2075	75	130	240	125

Spatula
Spachtelmesser
Spatule
Espátula

Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
JE 0025	25	150	260	85	S-90
JE 0040	40	230	350	145	S-91
JE 0050	50	355	490	275	S-92

Spatula, with anti-static handle
Spachtelmesser mit antistatischem Griff
Spatule, à poignée anti-statique
Espatula, Mango anti-estático

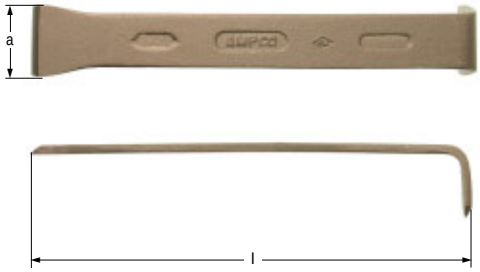


Part-No.	a mm	b mm	l mm	⚖ g
JE 1675	16	75	210	180
JE 2515	25	150	270	100

Thread cleaning pick
Gewindereinigungsstift
Pointe pour nettoyer les filetages
Pico Removedor de Filamentos

Part-No.	a mm	l mm	⚖ g
JS 3003	6	300	66
JS 3010	10	300	145
JS 3013	13	300	255

Scraper, deck
Winkelschaber
Grattoir coudé
Raspador Elevado

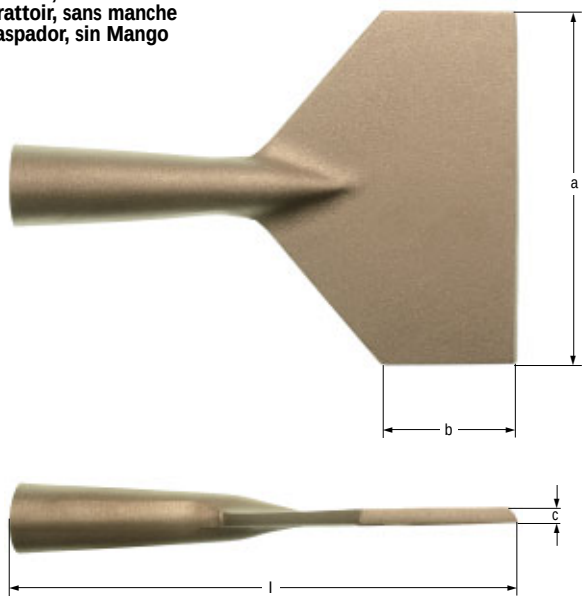


Part-No.	a mm	l mm	⚖ g	Ref.-No.
JF 0200	22	200	210	S-10Ag
JF 0300	50	300	570	S-10g

Scraper, deck
Winkelschaber mit Griff
Grattoir coudé, à poignée
Raspador Elevado

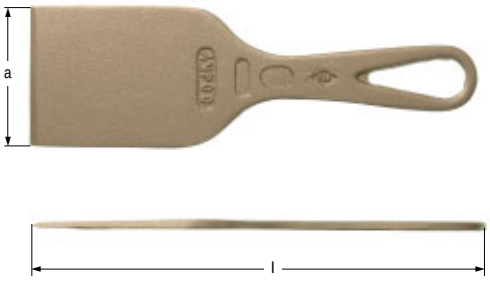
Part-No.	a mm	l mm	⚖ g	Ref.-No.
JF 0380	38	380	780	S-11g

Scraper, without handle
Schaber, ohne Stiel
Grattoir, sans manche
Raspador, sin Mango



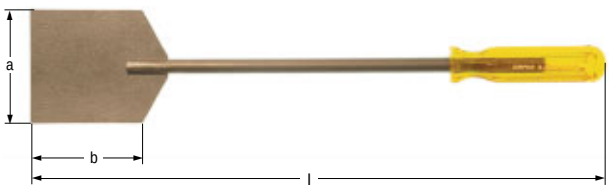
Part-No.	a mm	b mm	c mm	l mm	⚖ g	Ref.-No.
JG 0075	75	65	6	220	605	S-20
JG 0100	100	65	6	220	780	S-21
JG 0125	125	65	6	220	820	S-22
JG 0150	150	65	6	220	900	S-23

Scraper, spray booth
Spritzkabinenschaber
Grattoir pour cabine de peinture
Raspador para Cabina de Pintar



Part-No.	a mm	l mm	⚖ g	Ref.-No.
JH 0075	75	235	345	S-40

Scraper, hand style
Schaber mit Stiel
Grattoir d'aire, emmanché
Raspador Estilo Mano



Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
JK 0095	95	95	480	640	S-1069

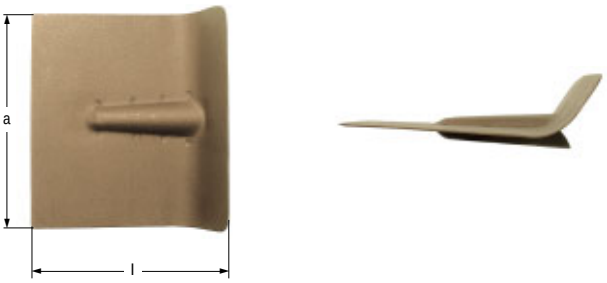
Scraper, ship
Plattenschaber
Grattoir de peintre, forme trapèze
Raspador de Viajado

Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
JL 0100	100	75	415	635	S-27
JL 0101*	100	75		195	S-27s

Scraper, pick and scaler
Reinigungswerkzeug
Pic à grattoir
Raspador Pico

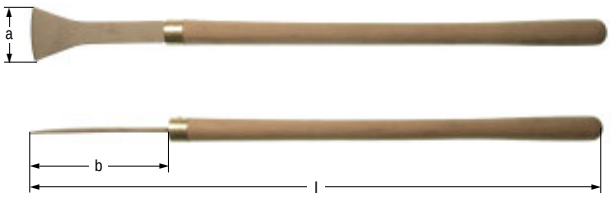
Part-No.	a mm	l mm	⚖ g	Ref.-No.
JM 0075	75	450	1100	S-5

Scraper, floor, without handle
Fussbodenschaber ohne Stiel
Grattoir d´aire, sans manche
Raspador de Piso, sin Mango



Part-No.	a mm	l mm	⚖ g	Ref.-No.
JN 0150	150	170	720	S-71s

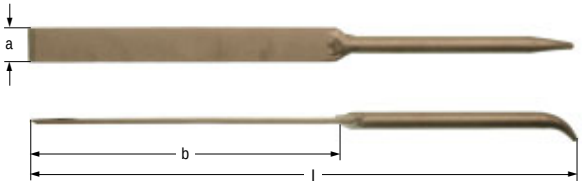
Scraper, rust, with handle
Roststecher mit Stiel
Grattoir antirouille, emmanché
Raspador de Oxido



Part-No.	a mm	b mm	l mm	⚖ g
JP 0600	75	200	600	560
JP 0800	75	200	800	680
JP 1000	75	200	1000	800
JP 1200	75	200	1200	920

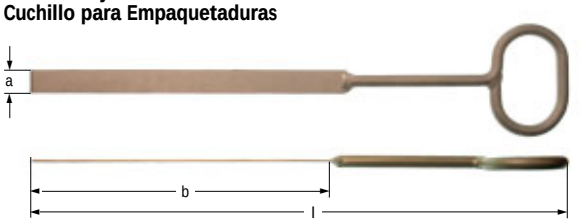
*Blade only / Ersatzblatt / Lame seule / Hoja sola

Knife, gasket
Flanschmesser
Couteau à joints
Cuchillo para Empaquetaduras



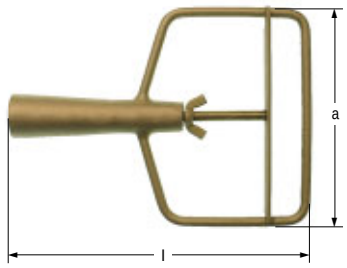
Part-No.	a mm	b mm	l mm	⚖ g
JR 0400	25	220	400	300

Knife, gasket
Flanschmesser
Couteau à joints
Cuchillo para Empaquetaduras



Part-No.	a mm	b mm	l mm	⚖ g
JR 0690	30	400	690	1200
JR 1240	40	800	1240	2000

Mop holder
Wischtuchhalter
Porte-faubert
Sujetador de la Mopa



Part-No.	a mm	l mm	⚖ g	Ref.-No.
JT 0170	170	225	670	M-1286

Brush, shoe handle
Handdrahtbürste, Runddraht glatt
Brosse à manche cintré, fil rond
Cepillo, de Alambre Redondo

Part-No.	a mm	b mm	l mm	Rows	⚖ g	Ref.-No.
KH 0001	55	30	260	4 x 16	175	B-399

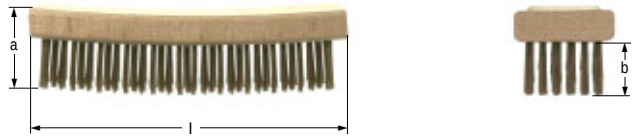
Brush, curved handle
Handdrahtbürste, Runddraht glatt
Brosse à manche, fil rond
Cepillo, de Alambre Redondo

Part-No.	a mm	b mm	l mm	Rows	⚖ g	Ref.-No.
KH 0002	45	30	350	3 x 19	165	
KH 0003	45	30	350	4 x 19	195	B-400

Brush, flat back
Kastenbürste, Runddraht glatt
Brosse à dos plat, dure, fil rond
Cepillo de Alambre Redondo

Part-No.	a mm	b mm	l mm	Rows	⚖ g	Ref.-No.
KH 0004	65	40	180	6 x 19	300	B-401

Brush, curved back
Kastenbürste, gebogen, Runddraht glatt
Brosse à dos courbé, dure, fil rond
Cepillo de Alambre Redondo

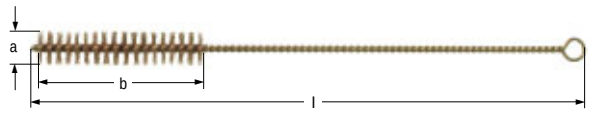


Part-No.	a mm	b mm	l mm	Rows	⚖ g	Ref.-No.
KH 0005	45	30	185	6 x 19	280	B-402

Brush, spark-plug cleaning
Zündkerzenbürste, Runddraht glatt
Brosse pour bougies
Cepillo para Bujias

Part-No.	a mm	b mm	l mm	Rows	⚖ g	Ref.-No.
KK 0001	22	13	195	3 x 7	18	TB-10

Brush, tube
Zylinderbürste, Draht gewellt
Goupillon
Cepillo de Tubo



Part-No.	a mm	b mm	l mm	⚖ g
KT 0001	20	100	340	42

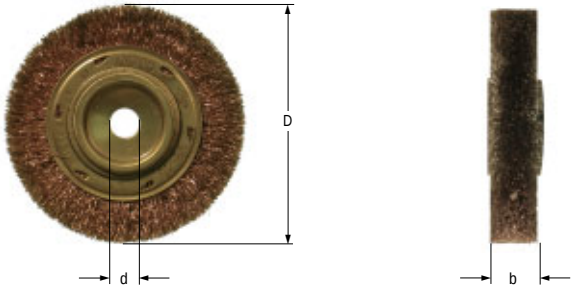
Broom, round wire
Besen, Runddraht glatt
Balai de rue, fil rond
Escoba, de Alambre Redondo

Part-No.	a mm	b mm	l mm	Rows	⚖ g	Ref.-No.
KB 0001	75	55	305	6 x 25	1500	PB-10

Scrubbing broom, round wire
Schrubber, Runddraht glatt
Brosse à décaper, fil rond
Cepillo de Lavado de Alambre Redondo

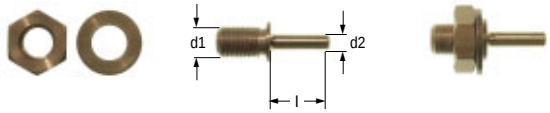
Part-No.	a mm	b mm	l mm	Rows	⚖ g
KS 0001	60	40	220	6 x 17	480

Wheel brush, crimped wire
Rundbürste, Runddraht gewellt
Brosse circulaire, fil ondulé
Cepillo Cicular, de Alambre Redondo Ondulado



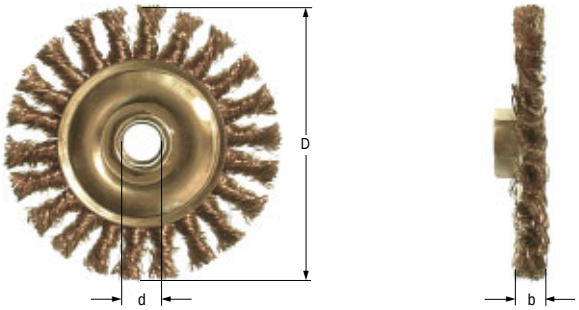
Part-No.	D mm	b mm	d mm	RPM max.	⚖ g	Ref.-No.
KR 0050	50	7	13*	20000	45	WB-20C
KR 0076	76	10	13*	20000	70	WB-30C
KR 0102	102	19	10	6000	365	WB-45A ↓
KR 1102	102	19	13*	6000	365	WB-45
KR 2102	102	19	16	6000	365	WB-45B
KR 0153	153	26	13*	4500	725	WB-44A
KR 1153	153	26	16	4500	725	WB-44
KR 2153	153	26	19	4500	725	WB-44B
KR 3153	153	26	26	4500	725	WB-44C
KR 4153	153	26	32	4500	725	WB-44D

Drive arbor, wheel brush
Aufnahme für vorstehende Rundbürsten
Tige de fixation pour brosses circulaires
Vastago de Fijación para Cepillo de Disco



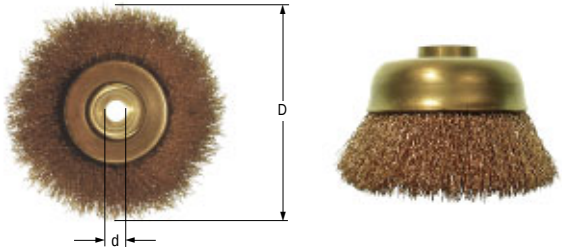
Part-No.	d1 mm	d2 mm	l mm	⚖ g	Ref.-No.
KA 0125	12.5	6.4	22	46	DA-10

Wheel brush, knot wire
Rundbürste, Runddraht gezopft
Brosse circulaire, fil en tresses
Cepillo, Circular de Alambre Redondo Rancio



Part-No.	D mm	b mm	d UNC-11	RPM max.	⚖ g	Ref.-No.
KR 1020	102	9	5/8	20000	225	WB-40KT
KR 1530	153	13	5/8	9000	590	WB-60KT

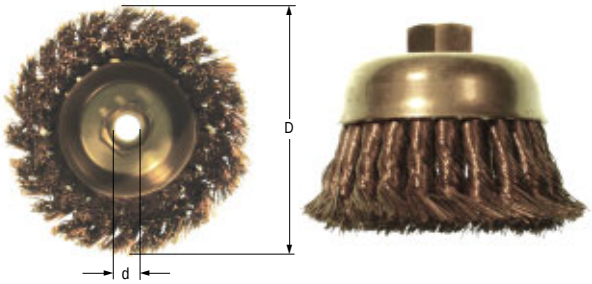
Cup brush, crimped wire
Topfbürste, Runddraht gewellt
Brosse à boisseau, circulaire, fil ondulé
Cepillo de Copa, Circular, de Alambra Redondo Ondulado



Part-No.	D mm	d UNC-11	d mm	RPM max.	⚖ g	Ref.-No.
KC 0076	76	5/8		12500	365	CB-30CT
KC 0102	102		13*	8000	590	CB-45
KC 1102	102	5/8		8000	680	CB-45CT
KC 0153	153		16	6000	1270	CB-44
KC 1153	153	5/8		6000	1360	CB-44CT

* Requires, benötigt, exige, necesita: Part-No. KA 0125

Cup brush, knot wire
Topfbürste, Runddraht gezopft
Brosse à boisseau, circulaire, fil en tresses
Cepillo de Copa, circular de Alambre Redondo Rancio



Part-No.	D mm	d mm	RPM max. UNC-11	⚖ g	Ref.-No.
KC 2076	76	5/8	12500	455	CB-30KT
KC 2102	102	5/8	7000	680	CB-40-KT
KC 2153	153	5/8	6000	1540	CB-60-KT

End brush
Pinselbürste
Brosse pinceau
Pincel Plano

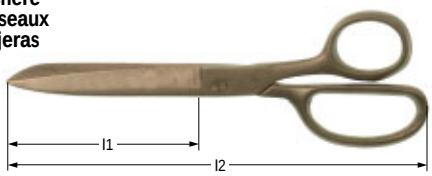
Crimped wire - Draht gewellt - Fil ondulé - Alambre Ondulado

Part-No.	D mm	d mm	l mm	RPM max.	⚖ g	Ref.-No.
KP 0026	26	6.4	25	20000	135	EB-1-C

Knot wire - Draht gezopft - Fil en tresses - Alambre Rancio

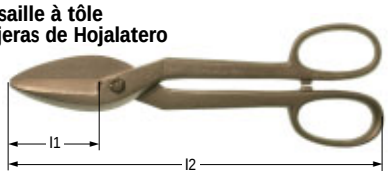
Part-No.	D mm	d mm	l mm	RPM max.	⚖ g	Ref.-No.
KP 1026	26	6.4	25	20000	135	EB-1-K

Shears, cutting
Schere
Ciseaux
Tijeras



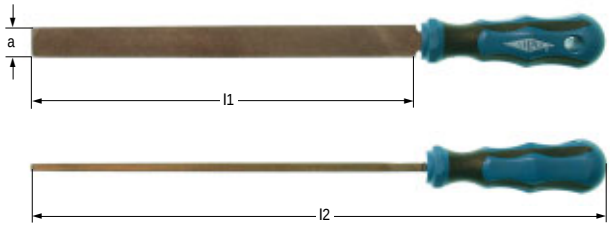
Part-No.	l1 mm	l2 mm	⚖ g	Ref.-No.
LA 0075	75	150	73	S-59
LA 0110	110	200	154	S-599
LA 0150	150	300	520	S-60
LA 0200	200	380	1495	S-61

Snips, tin
Blechschere
Cisaille à tôle
Tijeras de Hojalatero



Part-No.	l1 mm	l2 mm	⚖ g	Ref.-No.
LB 0050	50	200	200	S-1126 a
LB 0075	75	300	600	S-1144
LB 0095	95	360	1000	S-1144 a

Hand file
Flachfeile
Lime plate
Lima de Mano



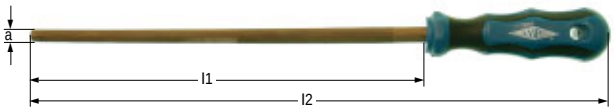
Bastard / Hieb 1 / Taille bâtarde / Aspero

Part-No.	a mm	l1 mm	l2 mm	⚖ g
LF 2501	20	250	360	275

Smooth / Hieb 3 / Taille douce / Suave

LF 2503	20	250	360	275

Round file
Rundfeile
Lime ronde
Lima Redonda



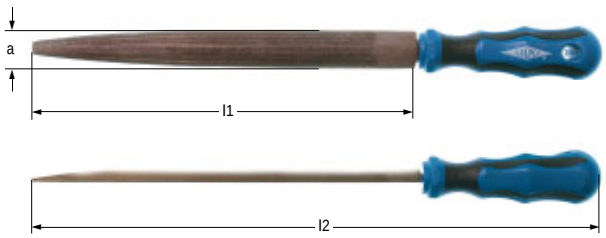
Bastard / Hieb 1 / Taille bâtarde / Aspero

Part-No.	a mm	l1 mm	l2 mm	⚖ g
LR 2501	10	250	360	218

Smooth / Hieb 3 / Taille douce / Suave

LR 2503	10	250	360	218

Half round file
Halbrundfeile
Lime demi-ronde
Lima de Media Circunferencia



Bastard / Hieb 1 / Taille bâtarde / Aspero

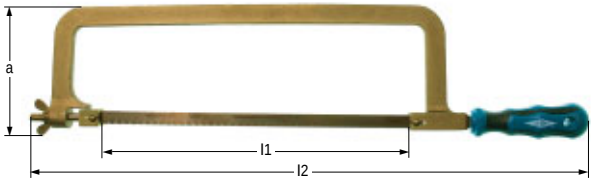
Part-No.	a mm	l1 mm	l2 mm	⚖ g
LH 2501	24	250	360	305

Smooth / Hieb 3 / Taille douce / Suave

LH 2503	24	250	360	305

Hack saw frame
DIN 6473

Bügelsäge
Monture de scie à métaux
Marco para Sierra de Corte



Part-No.	a mm	l1 mm	l2 mm	⚖ g
LS 0300	115	300	540	860

Blade, hack saw

Sägeblatt
Lame de scie à métaux
Hoja de Sierra de Corte

Part-No.	b mm	l mm	⚖ g	Teeth / Zähne / Dents / Dientes
LS 0310	14	310	20	18 / Inch

Hand saw (8 teeth/inch)

Handsäge (8 Zähne/Zoll)
Scie égoïne (8 dents/pouce)
Serrucho de Mano (8 Dientes/Pulgada)

Part-No.	l1 mm	l2 mm	⚖ g	Ref.-No.
LS 0500	500	630	770	S - 1

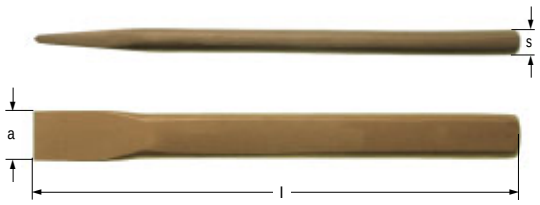
Chisel, hand

Flachmeißel
Burin
Cincel de Mano

Part-No.	a mm	s mm	l mm	⚖ g	Ref.-No.
MA 0130	8	6	130	35	C-12b
MA 0145	10	10	145	75	C-12a
MA 0155	14	12	155	145	C-12
MA 1155	17	17	155	240	C-13
MA 0200	20	19	200	400	C-14
MA 0220	23	23	220	580	C-17
MA 0225	20	20	225	475	C-16
MA 0230	17	17	230	380	C-15
MA 1230	27	24	230	740	C-18
MA 0270	50	32	270	1645	C-19
MA 0305	14	14	305	300	C-20
MA 1305	22	19	305	655	C-21
MA 0370	19	14	370	420	C-22
MA 0450	26	26	450	1645	C-23
MA 0760	24	24	760	2610	C-24

Chisel, hand, oval
DIN 6453

Flachmeißel, oval
Burin, oval
Cincel de Mano, oval



Part-No.	a mm	s mm	l mm	⚖ g
MB 0150	18	17	150	170
MB 0200	24	23	200	260
MB 0250	25	26	250	435
MB 0300	26	26	300	545

Chisel, cape

Kreuzmeißel
Bédane de mécanicien
Cortahierro de Ranurar

Part-No.	a mm	s mm	l mm	⚖ g	Ref.-No.
MC 0150	11	16	150	230	
MC 0205	13	20	205	410	C-5
MC 0235	17	22	235	630	C-5a
MC 0300	16	25	300	1050	
MC 0400	19	29	400	1800	

Chisel, groove

Nutenmeißel
Bédane
Cincel de Ranurar

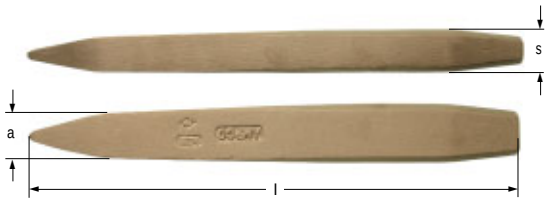
Part-No.	a mm	s mm	l mm	⚖ g
MD 0200	10	19	200	430
MD 0225	13	22	225	670

Chisel, diamond point

Diamantspitzmeißel
Burin à pointe, forme diamant
Cincel Punta de Diamante

Part-No.	a mm	s mm	l mm	⚖ g	Ref.-No.
ME 0205	13	20	205	435	C-6
ME 0310	19	23	310	915	C-7

Chisel, concrete
Betonmeißel
Burin à béton
Cincel para Hormigón



Part-No.	a mm	s mm	l mm	⚖ g	Ref.-No.
MF 0380	45	33	380	3040	C-10

Pneumatic chisel, bull point
Preßluftspitzmeißel
Fleuret pour marteau pneumatique
Rompedor

Part-No.	s mm	l mm	⚖ g	Ref.-No.
MG 0470	25.4	470	1820	C-8c

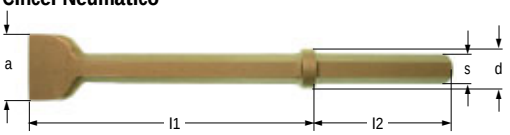
Pneumatic chisel, bull point
DIN 20376
Preßluftspitzmeißel
Fleuret pour marteau pneumatique
Rompedor

Part-No.	l1 mm	d1 mm	d2 mm	l2 mm	⚖ g
MG 0250	250	42	25	75	1140
MG 0350	350	42	25	75	1600
MG 0450	450	42	25	75	2050

Pneumatic chisel, bull point
Preßluftspitzmeißel
Fleuret pour marteau pneumatique
Rompedor

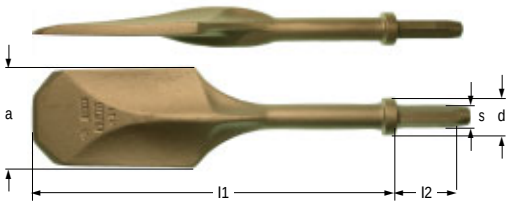
Part-No.	l1 mm	d mm	s mm	l2 mm	⚖ g	Ref.-No.
MG 0375	375	43	28.6	153	2710	C-8
MG 0400	400	43	31.7	153	3530	C-8a

Pneumatic chisel, flat end
Preßluftflachmeißel
Burin pour marteau pneumatique
Cincel Neumático



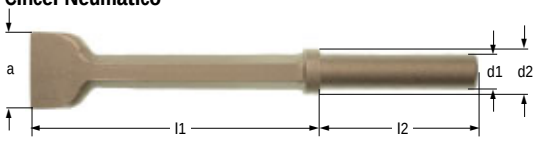
Part-No.	a mm	l1 mm	d mm	s mm	l2 mm	⚖ g	Ref.-No.
MH 0065	65	305	43	28.6	153	2630	C-9b
MH 0075	75	305	43	28.6	153	2690	C-9a

Pneumatic chisel, spade end
Preßluftspatenmeißel
Tranche pour marteau pneumatique
Pala Neumática de Arcilla



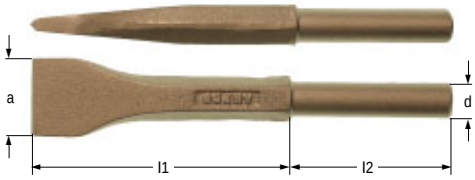
Part-No.	a mm	l1 mm	d mm	s mm	l2 mm	⚖ g	Ref.-No.
MH 0115	115	410	40	22	82	4150	C-40

Pneumatic chisel, flat end, with collar
Preßluftflachmeißel
Burin pour marteau pneumatique
Cincel Neumático



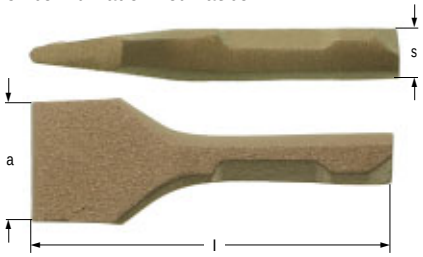
Part-No.	a mm	l1 mm	d1 mm	d2 mm	l2 mm	⚖ g	Ref.-No.
MJ 0032	32	110	31.5	17	60	140	CR-10-ST
MJ 0040	40	130	31.5	17	60	420	CR-20-ST
MJ 0046	46	140	31.5	17	60	500	CR-21-ST
MJ 0063	63	150	31.5	17	60	610	CR-22-ST

Pneumatic chisel, scaling
Preßluftschaber
Burin de détartrage pour marteau pneumatique
Cincel Burilador Neumático



Part-No.	a mm	l1 mm	d mm	l2 mm	⚖ g	Ref.-No.
MK 0038	38	120	17	70	415	CP-20-ST
MK 0044	44	130	17	70	510	CP-21-ST
MK 0063	63	150	17	70	595	CP-22-ST

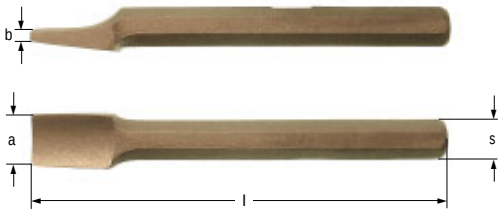
Pneumatic chisel, scaling
Preßluftschaber
Burin de détartrage, pour marteau pneumatique
Cincel Burilador Neumático



Part-No.	a mm	l mm	s mm	⚖ g	Ref.-No.
ML 0016	16	125	13	70	CS-23-ST
ML 0030	30	90	13	115	CS-22-ST
ML 0050	50	130	13	165	CS-24-ST
ML 1050	50	200	13	330	CS-25-ST

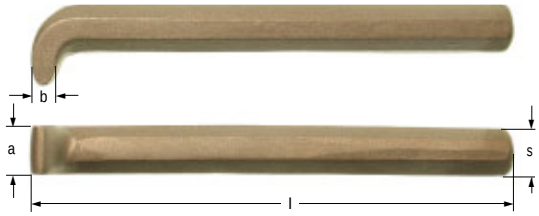
* Pneumatic chisels of different shapes can be manufactured on request according to sample or drawing / Preßluftmeißel in weiteren Ausführungen können nach Muster oder Zeichnung hergestellt werden / Burins pneumatiques en d'autres versions peuvent être fabriqués suivant échantillon ou dessin industriel / Todo tipo de cincel neumático puede fabricarse segun su diseño o muestra

Caulking tool, concave
Stemmwerkzeug, gewölbt
Matoir
Herramienta de Rematar, Cóncave



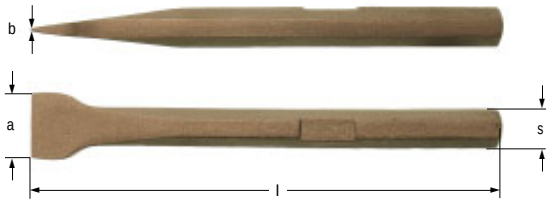
Part-No.	a mm	b mm	s mm	l mm	⚖ g	Ref.-No.
MM 0027	27	5	19	205	430	C-1

Caulking tool
Stemmwerkzeug
Matoir
Herramienta de Rematar



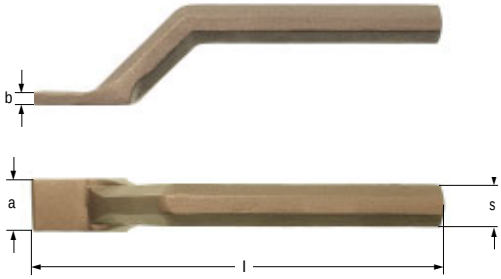
Part-No.	a mm	b mm	s mm	l mm	⚖ g	Ref.-No.
MM 0022	22	10	22	220	680	C-2

Caulking tool
Stemmwerkzeug
Matoir
Herramienta de Rematar



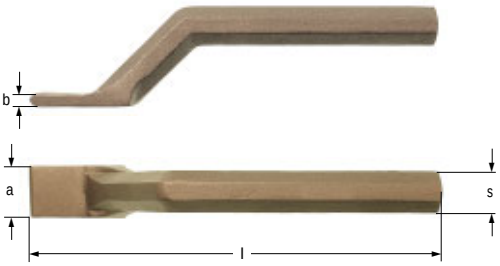
Part-No.	a mm	b mm	s mm	l mm	⚖ g	Ref.-No.
MM 0015	15	2	12	260	225	C-4
MM 0033	33	3	19	230	460	C-3

Caulking tool, flat edge, offset
Stemmwerkzeug, Kante stumpf, gekröpft
Matoir
Herramienta de Rematar



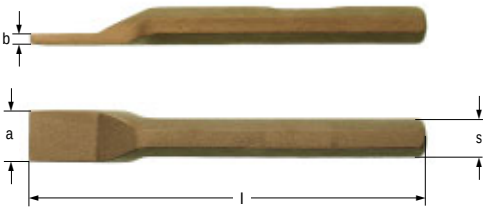
Part-No.	a mm	b mm	s mm	l mm	⚖ g	Ref.-No.
MM 3025	25	6	19	200	440	C-3a

Caulking tool, half-round edge, offset
Stemmwerkzeug, Kante rund, gekröpft
Matoir
Herramienta de Rematar



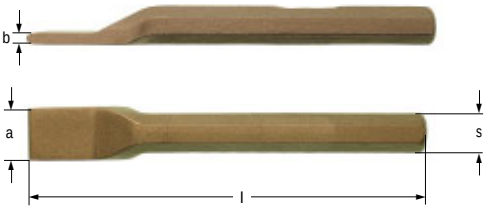
Part-No.	a mm	b mm	s mm	l mm	⚖ g	Ref.-No.
MM 3125	25	6	19	200	440	C-3b

Caulking tool, flat edge, straight
Stemmwerkzeug, Kante stumpf, gerade
Matoir
Herramienta de Rematar



Part-No.	a mm	b mm	s mm	l mm	⚖ g	Ref.-No.
MM 4025	25	6	19	200	400	C-4a

Caulking tool, half-round edge, straight
Stemmwerkzeug, Kante rund, gerade
Matoir
Herramienta de Rematar



Part-No.	a mm	b mm	s mm	l mm	⚖ g	Ref.-No.
MM 4125	25	6	19	200	400	C-4b

Yarning tool
Strickwerkzeug
Matoir à cordes
Herriamenta de Hilado

Part-No.	a mm	b mm	s mm	l mm	⚖ g
MN 0220	20	2	18	250	400
MN 0420	20	4	18	250	430
MN 0620	20	6	18	250	470
MN 0820	20	8	18	250	500
MN 1020	20	10	18	250	560

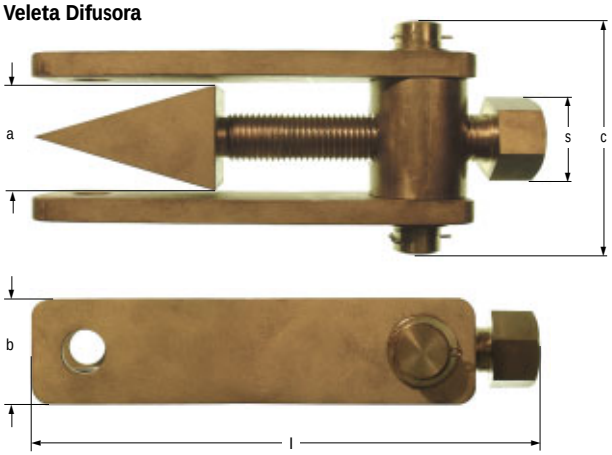
Wedge, flange
Flanschkeil
Coin, casse joint
Cuña de Pestaña

Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
MP 1501	15	6	80	50	W-1
MP 1902	19	13	105	100	W-2
MP 2503	25	13	150	200	W-3
MP 3205	32	13	180	300	W-5
MP 3804	38	19	150	400	W-4
MP 3808	38	25	200	800	W-8
MP 3807	38	41	200	1300	W-7
MP 5012	50	10	90	200	W-12
MP 5011	50	10	180	400	W-11
MP 5006	50	19	180	730	W-6
MP 5009	50	19	200	805	W-9
MP 5010	50	32	215	1400	W-10

Wedge, stone
Steinkeil
Coin à pierre
Cuña de Piedra

Part-No.	a mm	l mm	⚖ g
MP 0120	44	120	1120
MP 0150	45	150	1475
MP 0190	47	190	2015
MP 0240	50	240	2800

Flange spreader
Flanschlöser
Décolleur
Veleta Difusora



Part-No.	a mm	b mm	c mm	s mm	l mm	⚖ g
MR 6060	60	60	140	46	305	7200

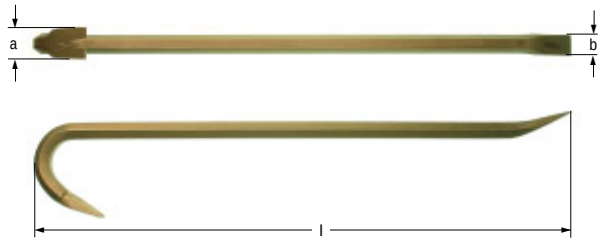
Bar, pinch
Brechstange
Pince à talon
Barra Pie de Cabra

Part-No.	a mm	l mm	⚖ g	Ref.-No.
MS 0460	25	460	1050	P-9
MS 0760	30	760	2300	P-8
MS 0910	38	910	3550	P-10

Bar, crow
Hebestange
Pince à levier
Barra Pata de Gallo

Part-No.	a mm	l mm	⚖ g	Ref.-No.
MS 1525	28	1525	8500	P-11
MS 1730	32	1730	11000	P-12

Bar, wrecking
Nageleisen mit Klaue
Pince à décoffrer
Barra de Demolición



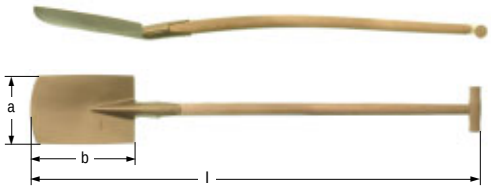
Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
MT 0460	28	16	460	920	W-29
MT 0610	33	19	610	1600	W-30
MT 0760	39	22	760	2800	W-30a
MT 0920	43	22	920	3300	W-31

Spike, marlin
Erdungsspieß
Epissoir
Pica de Marlin

Part-No.	l mm	⚖ g	Ref.-No.
MW 0406	406	916	MS-1-ST

Edging spade with T-handle
DIN 20127

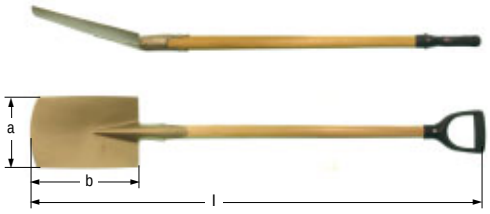
Spaten mit T-Stiel
Bêche, manche en T
Azada de Borde



Part-No.	a x b mm	l mm	⚖ g
NT 1000	185 x 280	1155	2200

Edging spade with D-handle
DIN 20127

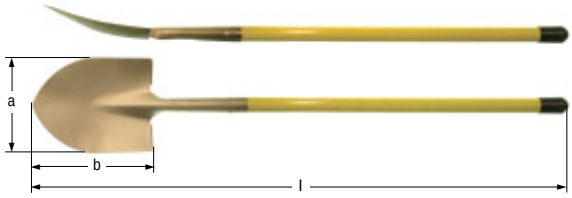
Spaten mit D-Stiel
Bêche, manche à poignée
Azada de Borde



Part-No.	a x b mm	l mm	⚖ g
ND 1000	185 x 280	1155	2160

Shovel, round point
DIN 20121

Schaufel, Frankfurter Form
Pelle de terrassier, manche droit
Pala de Punta Redonda

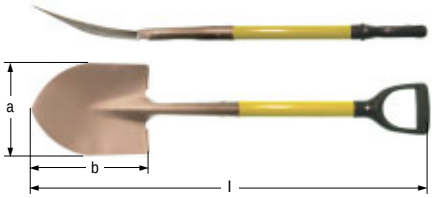


Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NS 8100	230 x 280	1500	2230	S-81

"Your non-sparking ally in explosive environments"

Shovel, round point
DIN 20121

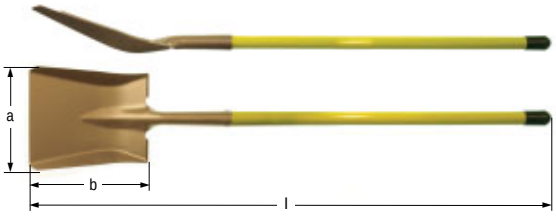
Schaufel, Frankfurter Form
Pelle de terrassier, manche à poignée
Pala de Punta Redonda



Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NS 8300	230 x 280	980	1990	S-83

Shovel, square edge
DIN 20123

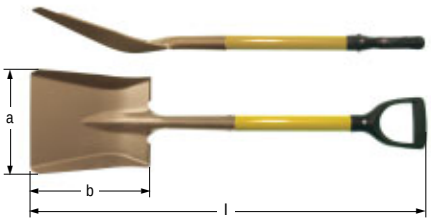
Randschaufel
Pelle à boue, manche droit
Pala de Punta Cuadrada



Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NS 8200	230 x 280	1500	2250	S-82

Shovel, square edge
DIN 20123

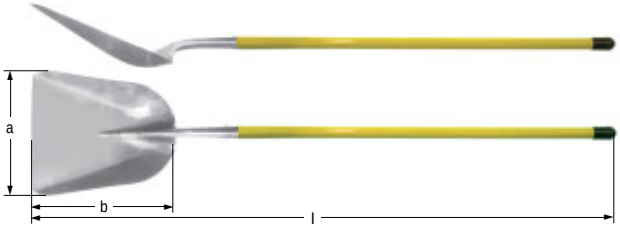
Randschaufel
Pelle à boue, manche à poignée
Pala de Punta Cuadrada



Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NS 8400	230 x 280	980	2155	S-84

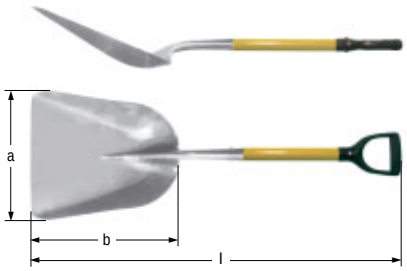
Shovel, scoop

Ballastschaufel
Pelle creuse, manche droit
Pala Cuchara



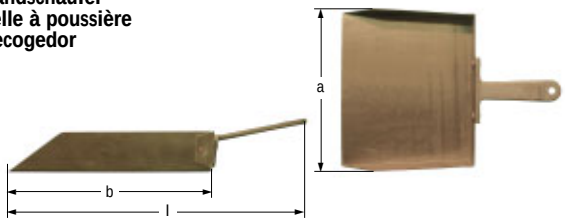
Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NS 7900	330 x 430	1700	2890	S-79

Shovel, scoop
Ballastschaufel
Pelle creuse, manche à poignée
Pala Cuchara



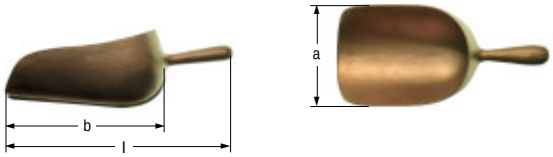
Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NS 8000	330 x 430	1150	2750	S-80

Dust pan
Handschaufel
Pelle à poussière
Recogedor



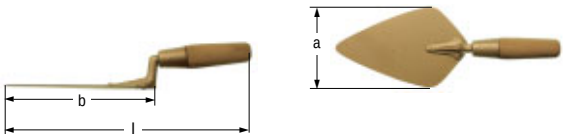
Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NN 0049	100 x 200	320	515	D-49
NN 0050	225 x 190	310	785	D-50

Sugar scoop
Schöpfschaufel
Pelle pour granules et liquides
Cuchara Recogedora de Azúcar



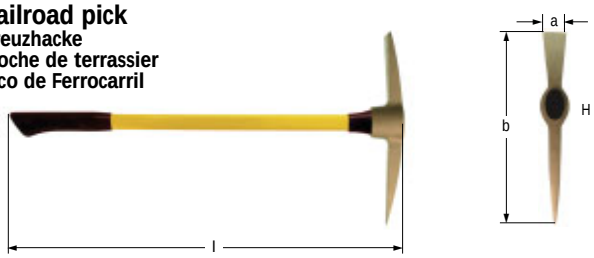
Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NZ 0043	75 x 130	200	505	S-43
NZ 0044	120 x 200	300	1135	S-44
NZ 0045	140 x 240	350	1745	S-45

Trowel, bricklayer's
Maurerkelle
Truelle à joints
Palustre para Ladrillos



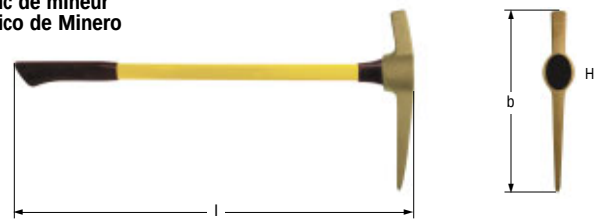
Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NM 1321	130 x 215	335	475	T-10
NM 1428	140 x 280	360	615	T-12

Railroad pick
Kreuzhacke
Pioche de terrassier
Pico de Ferrocarril



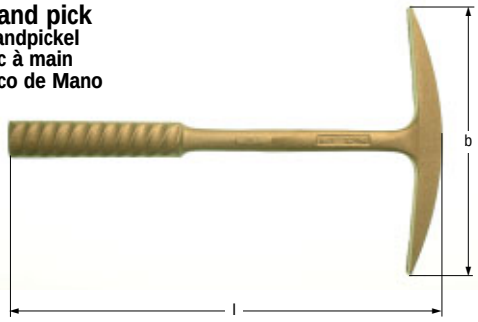
Part-No.	H mm	a mm	b mm	l mm	⚖ g	Ref.-No.
NK 2040	2040	25	535	920	3270	P-1
NK 3040	3040	32	635	920	4210	P-3
NK 4700	4700	38	700	920	6050	P-6
DIN 20109 with wooden handle						
NK 1500	1500	50	400	900	2050	P-112
NK 2500	2500	50	500	950	3300	P-113
NK 3000	3000	55	550	950	3900	P-114
NK 3500	3500	55	600	950	4500	P-115
NK 4500	4500	60	680	950	5500	P-117

Miner's pick
Grubenpickel
Pic de mineur
Pico de Minero



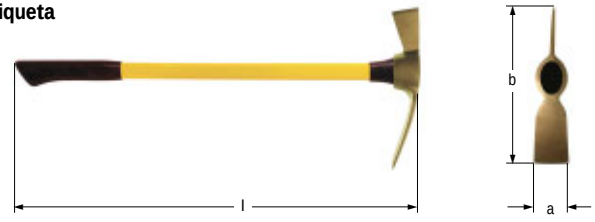
Part-No.	H mm	b mm	l mm	⚖ g	Ref.-No.
NG 2100	2100	406	920	3310	P-7

Hand pick
Handpickel
Pic à main
Pico de Mano



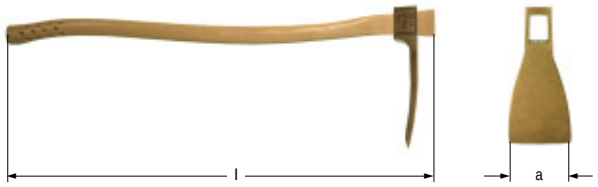
Part-No.	b mm	l mm	⚖ g	Ref.-No.
NP 0096	230	370	990	P-96

Mattock
Breithacke
Pioche à défricher
Piqueta



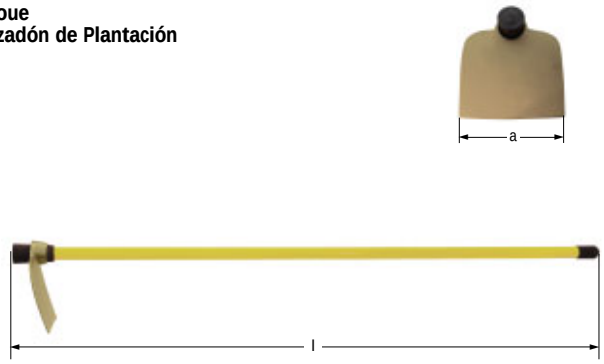
Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
NB 0055	100	400	920	3780	M-55

Railroad adze
Platthacke
Houe
Azuela de Ferrocarril



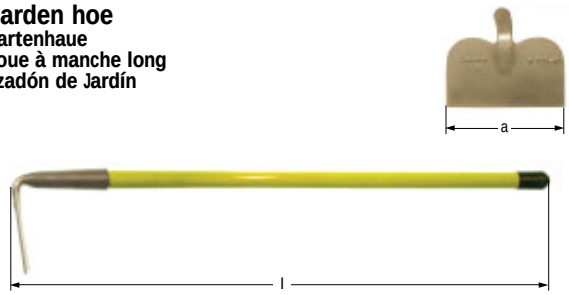
Part-No.	a mm	l mm	⚖ g	Ref.-No.
NA 0002	130	860	3150	A-2

Planter's hoe
Haue
Houe
Azadón de Plantación



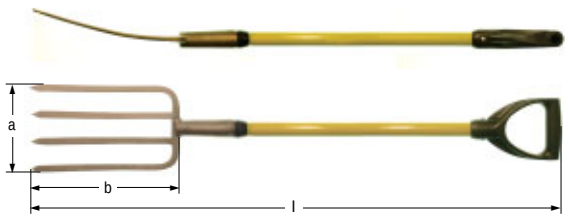
Part-No.	a mm	l mm	⚖ g	Ref.-No.
NH 0110	200	1570	1475	H-110

Garden hoe
Gartenhaue
Houe à manche long
Azadón de Jardín



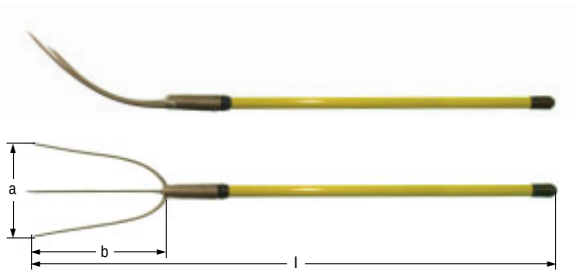
Part-No.	a mm	l mm	⚖ g	Ref.-No.
NH 0100	150	1600	1505	H-100
NH 0101	200	1600	1740	H-101
NH 0102	250	1600	2050	H-102
NH 0103	290	1600	2170	H-103

Garden fork
Spatengabel
Fourche bêche
Horquilla de Jardín



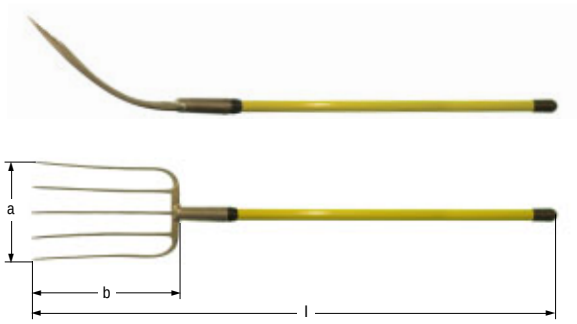
Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NF 0005	180 x 290	1020	1535	F-5

Hay fork
Heugabel
Fourche à foin
Horquilla para Heno



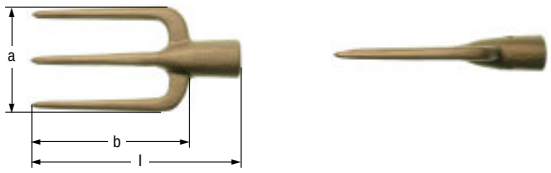
Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NF 0003	180 x 290	1600	1280	F-3

Manure fork
Dunggabel
Fourche à fumure
Horquilla para Abono



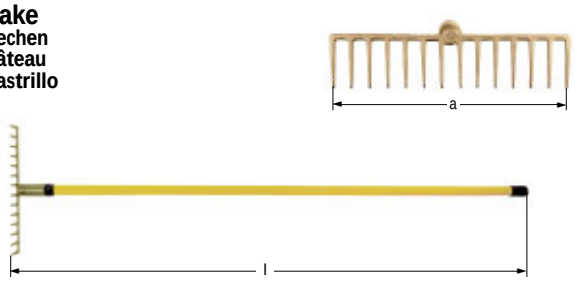
Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NF 0004	230 x 330	1600	1640	F-4

Guncotton fork, without handle
Gabel für Schießbaumwolle, ohne Stiel
Fourche pour fulmicoton, sans manche
Horquilla para Algodon, sin Mango



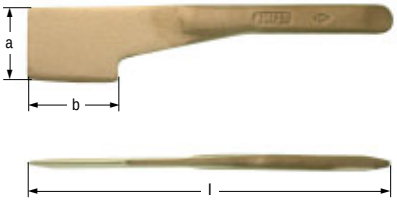
Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
NF 0001	90 x 140	200	600	F-1
NF 0011	150 x 250	370	1305	F-1a

Rake
Rechen
Râteau
Rastrillo



Part-No.	a mm	l mm	⚖ g	Ref.-No.
NR 0010	360	1600	1530	R-10

Carbide drum opener
Karbidtrommelöffner
Ouvre tonneau à carbure
Abridor de Toneles de Carburo

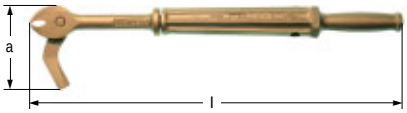


Part-No.	a x b mm	l mm	⚖ g	Ref.-No.
PK 0305	60 x 75	305	750	K-1211

Crate opener
Verschlagöffner
Ouvre-caisses
Abre Cajas

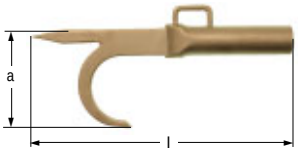
Part-No.	a mm	l mm	⚖ g	Ref.-No.
PV 0230	70	230	420	CJ-1-ST

Nail puller
Kistenöffner
Arrache-clous
Levantador de Clavos



Part-No.	a mm	l mm	⚖ g	Ref.-No.
PK 0460	115	460	1815	N-1

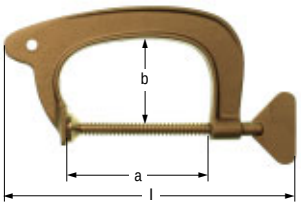
Fireman's hook
DIN 14851
Einreißhaken
Crochet de pompier
Gancho de Bombero



Part-No.	a mm	l mm	⚖ g
PE 0380	176	380	1800

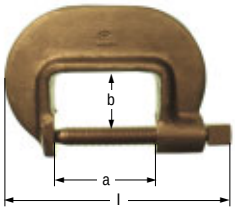
Hook can be supplied with a fiberglass handle.
Haken kann mit Fiberglas-Stiel geliefert werden.
Le crochet peut être livré avec un manche en fibre de verre.
El Gancho puede fabricarse con un mango de fibra de vidrio.

Grounding clamp
Polschraubzwinge
Serre-joint
Prensa para Toma



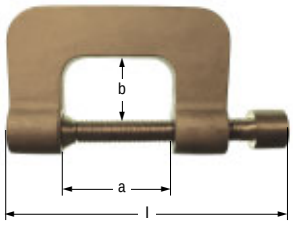
Part-No.	a mm	b mm	l mm	⚖ g
PP 0105	105	75	230	800

Clamp
Schraubzwinge
Presse serre-joint
Prensa



Part-No.	a mm	b mm	l mm	⚖ g	Ref.-No.
PS 0019	19	19	79	175	C-30-1
PS 0115	115	75	290	4445	C-30-6
PS 0165	165	90	370	9244	C-30-8

Clamp, bar
DIN 6413
Schraubzwinge mit Knebel
Serre-joint, à manche
Prensa, con Mango

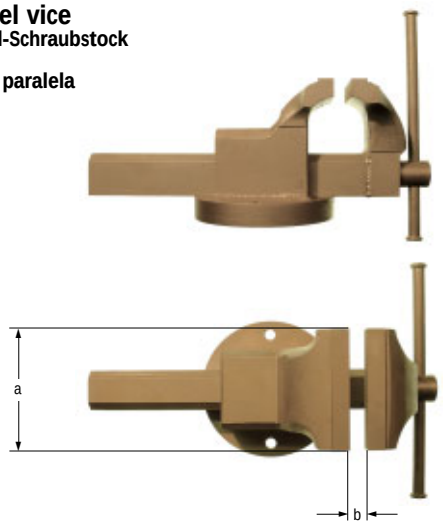


Part-No.	a mm	b mm	l mm	⚖ g	Part.-No. Bar	d x l mm
PS 0100	100	70	265	5000	PS 1015	10 x 150
PS 0125	125	80	300	6250	PS 1015	10 x 150
PS 0150	150	100	335	7500	PS 1220	13 x 200
PS 0200	200	120	395	10000	PS 1220	13 x 200
PS 0250	250	150	475	13750	PS 1525	16 x 250
PS 0300	300	175	525	17500	PS 1525	16 x 250
PS 0400	400	200	645	25000	PS 1930	20 x 300

Bar, clamp
Knebel
Manche, pour serre-joint
Barra, para Prensa

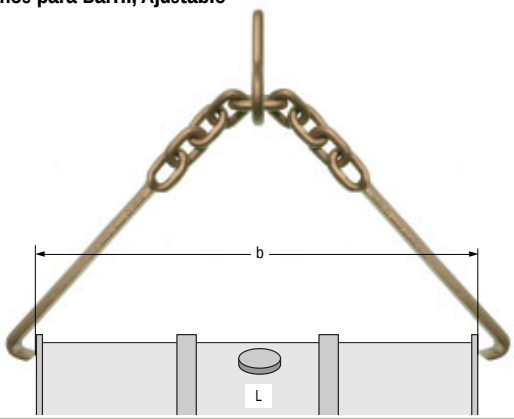
Part-No.	d mm	l mm	⚖ g
PS 1015	10	150	95
PS 1220	13	200	180
PS 1525	16	250	400
PS 1930	20	300	650

Parallel vice
Parallel-Schraubstock
Étau
Prensa paralela



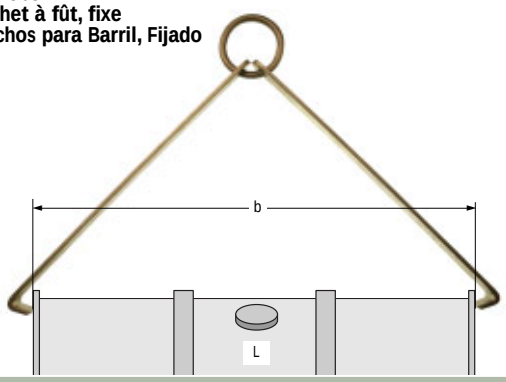
Part-No.	a mm	b max. mm	⚖ g
PP 0135	130	170	17000

Barrel hook, chain, adjustable
Fassheber, verstellbar über Kette
Crochet à fût, réglable
Ganchos para Barril, Ajustable



Part-No.	L max. kg	b max. mm	⚖ g	Ref.-No.
PF 0710	700	1060	4545	B-10

Barrel hook, fixed
Fassheber
Crochet à fût, fixe
Ganchos para Barril, Fijado



Part-No.	L max. kg	b max. mm	⚖ g	Ref.-No.
PF 0715	700	1060	2430	B-15

Bucket
Eimer
Seau
Balde

Part-No. liter	V l	d x h mm	⚖ g
PB 1000	10	255 x 250	3000

Machinist's tool kit
Montage - Werkzeugsatz
Jeu d'outils de monteur
Juego de Herramientas de Maquinista

Part-No.	Parts	⚖ g	Ref.-No.
RM 1048	12	4650	M-48

Content	Inhalt	Contenu	Contenido	Dimension	Part-No.
Combination pliers	Kombinationszange	Pince universelle	Pinza de Combinación	200 mm	EA 2000
Brush	Bürste	Brosse	Cepillo	4 x 16, 260 mm	KH 0001
Putty knife	Spachtel	Couteau de vitrier	Espátula	30 mm	JD 0030
Knife	Messer	Couteau droit	Cuchillo Común	175 mm	JC 0001
Groove joint pliers	Wasserpumpenzange	Pince multiprise	Pinza Junta Estrila	1 1/2", 250 mm	EC 2500
Phillips screwdriver	Kreuzschlitzschraubendreher	Tournevis Phillips	Destornillador Estrella	PH 2	GK 2010
Screwdriver	Schraubendreher	Tournevis	Destornillador	8 x 150 mm	GF 0815
Claw hammer	Klauenhammer	Marteau de charpentier	Martillo con Garra	455 g	FK 0020
Adjustable end wrench	Rollgabelschlüssel	Clé à molette	Llave Cabeza Ajustable	3/4", 150 mm	AT 0150
Adjustable end wrench	Rollgabelschlüssel	Clé à molette	Llave Cabeza Ajustable	1 13/16", 250 mm	AT 0250
Adjustable pipe wrench	Verstellb. Rohrschlüssel	Clé serre-tube	Llave Ajustable Tubos	1", 280 mm	ET 0280
Plastic case	Plastik-Box	Boîte plastique	Maleta		

Machinist's tool kit
Montage - Werkzeugsatz
Jeu d'outils de monteur
Juego de Herramientas de Maquinista

Part-No.	Parts	⚖ g	Ref.-No.
RM 1049	21	7000	M-49

Content	Inhalt	Contenu	Contenido	Dimension	Part-No.
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	10 mm	AA 0010
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	11 mm	AA 0011
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	12 mm	AA 0012
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	13 mm	AA 0013
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	14 mm	AA 0014
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	17 mm	AA 0017
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	19 mm	AA 0019
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	22 mm	AA 0022
Phillips Screwdriver	Kreuzschlitzschraubendreher	Tournevis Phillips	Destornillador Estrella	PH 2	GK 2010
Screwdriver	Schraubendreher	Tournevis Phillips	Destornillador	8 x 150 mm	GF 0815
Adjustable End Wrench	Rollgabelschlüssel	Clé à molette	Llave Cabeza Ajustable	1 13/16", 250mm	AT 0250
Combination Pliers	Kombinationszange	Pince universelle	Pinza de Combinación	170 mm	EA 1700
Combination Pliers	Kombinationszange	Pince universelle	Pinza de Combinación	200 mm	EA 2000
Groove Joint Pliers	Wasserpumpenzange	Pince multiprise	Pinza Junta Estrila	1 1/2", 250 mm	EC 2500
Knife	Messer	Couteau droit	Cuchillo Común	175 mm	JC 0001
Putty Knife	Spachtel	Couteau de vitrier	Espátula	30 mm	JD 0030
Claw Hammer	Klauenhammer	Marteau de charpentier	Martillo con Garra	455 g	FK 0020
Adjustable Pipe Wrench	Verstellb. Rohrschlüssel	Clé serre-tube	Llave Ajustable Tubos	1 1/2", 350 mm	ET 0350
Brush	Bürste	Brosse	Cepillo	4x16, 260 mm	KH 0001
Deck Scraper	Winkelschaber	Grattoir coudé	Raspador Elevado	300 mm	JF 0300
Plastic case	Plastik-Box	Boîte plastique	Maleta		

HAZMAT - tool kit
HAZMAT - Werkzeugset
HAZMAT - Jeu d'outils
HAZMAT - Juego de Herramientas

Part-No.	Parts	⚖ g	Ref.-No.
RH 1051	18	9100	M-51

Content	Inhalt	Contenu	Contenido	Dimension	Part-No.
Brush	Bürste	Brosse	Cepillo	4 x 16, 260 mm	KH 0001
Crate Opener	Verschlagöffner	Ouvre-caisses	Abre Cajas	230 mm	PV 0230
Claw Hammer	Klauenhammer	Marteau charpentier	Martillo con Garra	455 g	FK 0020
Knife	Messer	Couteau courbé	Cuchillo Común	260 mm	JC 0005
Putty Knife	Spachtel	Couteau de vitrier	Espátula	50 mm	JD 0050
Groove Joint Pliers	Wasserpumpenzange	Pince multiprise	Pinza Junta Estrila	2 1/8", 300 mm	EC 3000
Long Nose Pliers	Telefonzange	Pince long becs	Alicate Punta Larga	180 mm	EE 1800
Combination Pliers	Kombinationszange	Pince universelle	Alicate Universal	200 mm	EA 2000
Deck Scraper	Winkelschaber	Grattoir coudé	Raspador Elevado	380 mm	JF 0380
Spray Booth Scraper	Spritzkabinenschaber	Grattoir cabine de peinture	Raspador Cabina de Pintar	75 mm	JH 0075
Screwdriver	Schraubendreher	Tournevis	Destornillador	8 x 150 mm	GF 0815
Phillips Screwdriver	Kreuzschlitzschraubendreher	Tournevis Phillips	Destornillador Estrellla	PH 3	GK 3015
Tin Snips	Blechschere	Cisaille à tôle	Tijeras de Hojalatero	75x300 mm	LB 0075
Adjustable End Wrench	Rollgabelschlüssel	Clé à molette	Llave Cabeza Ajustable	1", 200 mm	AT 0200
Adjustable End Wrench	Rollgabelschlüssel	Clé à molette	Llave Cabeza Ajustable	1 3/8", 300 mm	AT 0300
Adjustable Pipe Wrench	Verstellb. Rohrschlüssel	Clé serre-tube	Llave Ajustable Tubos	1 1/2", 350 mm	ET 1350
Bung Wrench	Fassschlüssel	Clé universelle	Llave Taponadora	3/4 x 2"	CY 2000
Plastic Bucket	Kunststoffeimer	Seau de plastique	Balde Plástico		

Engineer's tool kit
Techniker - Werkzeugsatz
Jeu d'outils d'ingénieur
Juego de Herramientas de Ingeniero

Part-No.	Parts	⚖ g
RT 1000	38	12700

Content	Inhalt	Contenu	Contenido	Dimension	Part-No.
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	10 mm	AA 0010
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	11 mm	AA 0011
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	12 mm	AA 0012
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	13 mm	AA 0013
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	14 mm	AA 0014
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	15 mm	AA 0015
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	17 mm	AA 0017
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	19 mm	AA 0019
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	22 mm	AA 0022
Combination Wrench	Ringmaulschlüssel	Clé mixte	Llave Combinada	24 mm	AA 0024
Double Box Wrench	Doppelringschlüssel	Clé polygonale double	Llave de Cajón Doble	6 x 7 mm	AC 0607
Double Box Wrench	Doppelringschlüssel	Clé polygonale double	Llave de Cajón Doble	8 x 9 mm	AC 0809
Double Box Wrench	Doppelringschlüssel	Clé polygonale double	Llave de Cajón Doble	10 x 11 mm	AC 1011
Double Box Wrench	Doppelringschlüssel	Clé polygonale double	Llave de Cajón Doble	12 x 13 mm	AC 1213
Double Box Wrench	Doppelringschlüssel	Clé polygonale double	Llave de Cajón Doble	14 x 17 mm	AC 1417
Double Box Wrench	Doppelringschlüssel	Clé polygonale double	Llave de Cajón Doble	19 x 22 mm	AC 1922
Allen Key Set	Winkelschraubendreher-Satz	Clé mâle, jeu	Llave Hexagonal, Juego	2, 3, 4, 5, 6, 8, 10 mm	CH 1000
Combination Pliers	Kombinationszange	Pince universelle	Alicate Universal	200 mm	EA 2000
Diagonal Sidecutting Pliers	Seitenschneider	Pince coupante diagonale	Alicate Corte Diagonal	180 mm	EK 1800
Groove Joint Pliers	Wasserpummpenzange	Pince multiprise	Pinza Junta Estrila	1 1/2", 250 mm	EC 2500
Swedish Pliers	Eckrohrzange	Clé serre-tube	Pinza Sueca	1 1/2", 440 mm	ES 3500
Adjustable End Wrench	Rollgabelschlüssel	Clé à molette	Llave Cabeza Ajustable	30 mm, 250 mm	AT 0250
Adjustable End Wrench	Rollgabelschlüssel	Clé à molette	Llave Cabeza Ajustable	36 mm, 300 mm	AT 0300
German Cross Peen Hammer	Schlosserhammer	Marteau de mécanicien	Martillo de Ingeniero	500 g	FS 0500
German Sledge Hammer	Fäustel	Massette à pans	Acotillo	1000 g	FF 0100
Screwdriver	Schraubendreher	Tournevis	Destornillador	5 x 100 mm	GF 0510
Screwdriver	Schraubendreher	Tournevis	Destornillador	8 x 150 mm	GF 0815
Phillips Screwdriver	Kreuzschlitzschraubendreher	Tournevis Phillips	Destornillador Estrella	PH 1	GK 1008
Phillips Screwdriver	Kreuzschlitzschraubendreher	Tournevis Phillips	Destornillador Estrella	PH 3	GK 3015
Hand Chisel	Flachmeißel	Burin	Cincel de Mano	20 x 200 mm	MA 0200
Cape Chisel	Kreuzmeißel	Bédane	Cortahierro	13 x 205 mm	MC 0205
Punch	Durchtreiber	Chasse-clou	Punzón	5 x 120 mm	HA 0512
Punch	Durchtreiber	Chasse-clou	Punzón	10 x 160 mm	HA 1016
Cutting Shears	Schere	Ciseaux	Tijeras	200 mm	LA 0110
Knife	Messer	Couteau courbé	Cuchillo Común	260 mm	JC 0005
Putty Knife	Spachtel	Couteau de vitrier	Espátula	50 mm	JD 0050
Brush	Bürste	Brosse	Cepillo	4 x 16, 260 mm	KH 0001
Hand case	Werkzeugkoffer	Mallette à outils	Maleta		

Spray booth cleaning set
Spritzkabinen - Reinigungsset
Jeu nettoyage pour cabine de peinture
Juego Herriamentas para Cabina de Pintar

Part-No.	Parts	⚖ g
RR 1000	10	4600

Content	Inhalt	Contenu	Contenido	Dimension	Part-No.
Putty Knife stiff	Spachtel starr	Couteau de vitrier, lame rigide	Espátula Rigida	50 mm	JD 0050
Putty Knife stiff	Spachtel starr	Couteau de vitrier, lame rigide	Espátula Rigida	90 mm	JD 0090
Putty Knife flexible	Spachtel biegsam	Couteau de vitrier, lame souple	Espátula Flexible	90 mm	JD 0091
Flat Scraper	Flachschaber	Grattoir mécanicien	Raspador Plano	20 x 200 mm	JA 0200
Pick Scraper	Reinigungswerkzeug	Pic à grattoir	Raspador Pico	75 x 450 mm	JM 0075
Deck Scraper	Winkelschaber	Grattoir coudé	Raspador Elevado	50 x 300 mm	JF 0300
Spray Booth Scraper	Spritzkabinenschaber	Grattoir cabine de peinture	Raspador Cabina de Pintar	75 mm	JH 0075
Scraper	Schaber	Grattoir	Raspador	100 mm	JG 0100
Brush	Bürste	Brosse à manche	Cepillo de Alambre	4x19, 350 mm	KH 0001
Plastic case	Plastik - Box	Boîte plastique	Maleta		

Electrician's tool set
Elektriker - Werkzeugsatz
Jeu d'outils électromécanique
Juege de Herramientas Electricista

Part-No.	Parts	⚖ g
RE 1000	20	2800

Content	Inhalt	Contenu	Contenido	Dimension	Part-No.
Round Nose Pliers	Rundzange	Pince ronde	Alicate, Bocas Redondas	160 mm	EG 1550
Flat Nose Pliers	Flachzange	Pince plate	Alicate Punta Aplanada	160 mm	EF 1600
Diagonal Sidecutting Pliers	Seitenschneider	Pince coupante diagonale	Alicate Corte Diagonal	155 mm	EK 1550
Combination Pliers	Kombinationszange	Pince universelle	Alicate Universal	170 mm	EA 1700
Tweezers	Pinzette	Pincette	Pinzeta	110 mm	EM 1100
Wire Stripping Pliers	Abisolierzange	Pince à dénuder	Pinza Quita Alambre	155 mm	EL 1550
Adjustable End Wrench	Rollgabelschlüssel	Clé à molette	Llave Cabeza Ajustable	19 mm, 150 mm	AT 0150
Screwdriver	Schraubendreher	Tournevis cylindrique	Destornillador Hoja Cilíndrica	3 x 150 mm	GF 0315
Screwdriver	Schraubendreher	Tournevis cylindrique	Destornillador Hoja Cilíndrica	4 x 120 mm	GF 0412
Screwdriver	Schraubendreher	Tournevis cylindrique	Destornillador Hoja Cilíndrica	5 x 200 mm	GF 0520
Phillips Screwdriver	Kreuzschlitzschraubendreher	Tournevis Phillips	Destornillador Estrella	PH 0	GK 0006
Phillips Screwdiver	Kreuzschlitzschraubendreher	Tournevis Phillips	Destornillador Estrella	PH 1	GK 1008
Ball End Driver	Winkelschraubendreher m.Kugelkopf	Clé mâle longue à tête sphérique	Llave Hexagonales, cabeza Bola	2 mm	CJ 0020
Ball End Driver	Winkelschraubendreher m.Kugelkopf	Clé mâle longue à tête sphérique	Llave Hexagonales, cabeza Bola	2.5 mm	CJ 0025
Ball End Driver	Winkelschraubendreher m.Kugelkopf	Clé mâle longue à tête sphérique	Llave Hexagonales, cabeza Bola	3 mm	CJ 0030
Ball End Driver	Winkelschraubendreher m.Kugelkopf	Clé mâle longue à tête sphérique	Llave Hexagonales, cabeza Bola	4 mm	CJ 0040
Ball End Driver	Winkelschraubendreher m.Kugelkopf	Clé mâle longue à tête sphérique	Llave Hexagonales, cabeza Bola	5 mm	CJ 0050
Common Knife	Messer	Couteau droit	Cuchillo Común	175 mm	JC 0001
Cutting Shears	Schere	Ciseaux	Tijeras	150 mm	LA 0075
Hand case	Werkzeugkoffer	Mallette à outils	Maleta		

Marine kit
Marine - Werkzeugkasten
Jeu d'outils - marine
Juego - Marino

Part-No.	Parts	⚖ g
RN 1050	30	75400

Content	Inhalt	Contenu	Contenido	Dimension	Part-No.	
Wrecking Bar	Nageleisen mit Klaue	Pince à décoffrer	Barra de Demolicion	920 mm	MT 0920	
Adjustable End Wrench	Rollgabelschlüssel	Clé à molette	Llave Cabeza Ajustable	1 13/16", 250 mm	AT 0250	
Adjustable End Wrench	Rollgabelschlüssel	Clé à molette	Llave Cabeza Ajustable	1 3/8", 300 mm	AT 0300	
Adjustable End Wrench	Rollgabelschlüssel	Clé à molette	Llave Cabeza Ajustable	2", 375 mm	AT 0380	
Ball Peen Hammer	Amerik. Schlosserhammer	Marteau de mécanicien	Martillo de Ingeniero	1 lb	FD 1002	
Ball Peen Hammer	Amerik. Schlosserhammer	Marteau de mécanicien	Martillo de Ingeniero	2 lbs	FD 1004	
Scaling Hammer	Entrostungshammer	Marteau à piquer	Martillo Burilador	1 lb	FL 0060	3x
Sledge Hammer	Amerikanischer Fäustel	Masse à pans	Acotillo	5 lbs	FG 0070	
Deck Scraper	Winkelschaber	Grattoir coudé	Raspador Elevado	300 mm	JF 0300	3x
Scraper	Schaber ohne Stiel	Grattoir sans manche	Raspador	100 mm	JG 0100	3x
Ship Scraper	Plattenschaber	Grattoir de peintre	Raspador Viajado	100 mm	JL 0100	3x
Screwdriver	Schraubendreher	Tournevis cylindrique	Destornillador Cilindrica	10 x 200 mm	GF 1020	
Screwdriver	Schraubendreher	Tournevis cylindrique	Destornillador Cilindrica	10 x 300 mm	GF 1030	
Scoop Shovel	Ballastschaufel	Pelle creuse	Pala Cuchara	330 x 430 mm	NS 8000	2x
Hand Chisel	Flachmeißel	Burin	Cincel de Mano	17 x 155 mm	MA 1155	
Hand Chisel	Flachmeißel	Burin	Cincel de Mano	23 x 220 mm	MA 0220	
Adjustable Pipe Wrench	Verstellb. Rohrschlüssel	Clé serre-tube	Llave Ajustable Tubos	1", 280 mm	ET 1280	
Adjustable Pipe Wrench	Verstellb. Rohrschlüssel	Clé serre-tube	Llave Ajustable Tubos	1 1/2", 350 mm	ET 1350	
Adjustable Pipe Wrench	Verstellb. Rohrschlüssel	Clé serre-tube	Llave Ajustable Tubos	2", 420 mm	ET 1420	
Wooden Box	Sperrholz-Kasten	Boîte en contre-plaqué	Caja de Madera			

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