

BOLT

SECURING

AppMo Power Impact Sockets



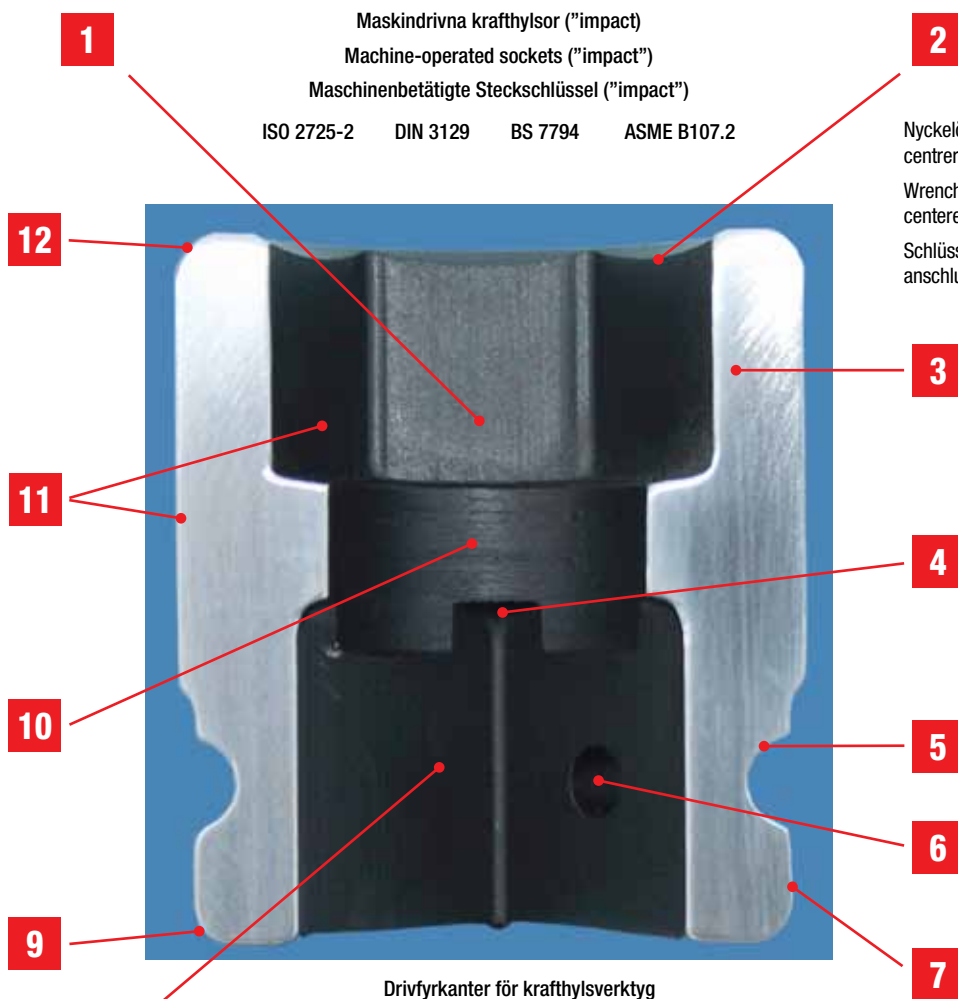
The AppMo line consists of AppMo Power Impact Socket which is manufactured in high-quality Swedish spring steel and has a number of features to make tightening easier.

AppMo see their mission as that of filling the gap between the power tool and the threaded fastener and of supplying anything that you might need for this purpose. AppMo design and produce special tools to meet the individual requirements of every single customer.

Power sockets and accessories are the all important link between the power tool and the threaded fastener. When it comes to power driving tools, black power sockets are the only answer. AppMo's power sockets and accessories will fit both impact wrenches, electric nut runners and hydraulic wrenches. AppMo's impact sockets and accessories conform to the international standards ISO 1174-2, 1703, 1711-2, 2725-2 and 2725-3.

The whole manufacturing process takes place under one roof from the cutting of the steel rods to hardening and surface treatment.

Maskindrivna krafthylsor ("impact")
Machine-operated sockets ("impact")
Maschinenbetätigte Steckschlüssel ("impact")
ISO 2725-2 DIN 3129 BS 7794 ASME B107.2



Nyckelöppning och drivfyrkant centrerade och i linje.
Wrench opening and square drive centered and in a line.
Schlüsselöffnung und Vierkantanschluss zentriert und in Linie.

Drivfyrkanter för krafthylsverktyg
Driving squares for power socket tools
Antriebsvierkante für maschinenbetätigte Steckschlüssel
ISO 1174-2 DIN 3121 BS 7794 ASME B107.2

1 Nyckelöppning med högre precision.
Wrench opening with higher precision.
Schlüsselöffnung mit höherer Präzision.

2 "Öppningen skall vara försänkt eller fasad för att underlätta ingrepp på skruvelementet."
"The opening shall be countersunk or chamfered to facilitate engagement onto the fastener."
"Die Öffnung muss versenkt oder gefast sein, um das Greifen des Schraubelementes zu erleichtern."

3 Ytterdiametrar i nyckeländan är utvalda för att ge styrka och åtkomlighet.
Wrench end outside diameters are selected to provide strength and access at limited clearance.
Die Aussendurchmesser am Schlüsselende sind so gewählt, dass Stärke und Zugänglichkeit gewährleistet sind.

4 "Krafthylsor skall vara försedda med genomgående hål."
"A through hole shall be provided."
"Steckschlüssel müssen mit durchgehender Öffnung versehen sein".

5 Spår för O-ring.
Groove for retaining ring.
Nut für Sicherungsgummiring.

6 Hål för låspinne.
Hole for locking pin.
Öffnung für Sicherungsstift

7 Ytterdiametrar i drivänden är utvalda för att hantera krafterna från alla förekommande mutterdragare.
Drive end diameters to handle the power delivered by any nutrunning machinery.

Die Aussendurchmesser am Antriebsende sind so ausgelegt, dass sie der Kraft einer jeden Antriebsmaschine übertragen können.

8 Drivfyrkant med högre precision.
Square drive with higher precision.
Vierkantanschluss mit höherer Präzision.

9 "Utvändiga hörn skall brytas och sakna skarpa kanter."
"External corners shall be broken with no sharp edges."
"Äussere Ecken sind zu entschärfen. Es dürfen keine scharfen Kanten vorhanden sein."

10 "Krafthylsor skall vara försedda med frigångsdjup."
"A bolt clearance hole shall be provided."
"Steckschlüssel müssen Tiefenfreiheit aufweisen."

11 "Ytor skall vara fria från skadliga defekter som påverkar brukbarheten."
"Surfaces shall be free from detrimental defects affecting serviceability."
"Oberflächen dürfen keine Schadstellen aufweisen, die die Funktion beeinträchtigen."

12 "Utvändiga hörn skall brytas och sakna skarpa kanter."
"External corners shall be broken with no sharp edges."
"Äussere Ecken sind zu entschärfen. Es dürfen keine scharfen Kanten vorhanden sein".





Den senaste teknologin används för att beräkna optimal hylsdimensionering. Belastningssimuleringar omfattar också mutterdragare och skruvförband.

The latest technology is used to calculate optimal socket configurations. Stress simulation also includes nutrunning elements and fasteners.

Mit Hilfe modernster Technologie wird die Bemessung der Steckschlüssel errechnet. Belastungssimulationen umfassen auch Mutterdreher und Schraubverbände.



Brotthållfasthet, utmattning och slitstyrka verifieras på slående och segdragande testutrustningar.

Breaking strength, tensile strength, material fatigue, resistance to wear are verified on impact and hydraulic test equipments.

Bruchfestigkeit, Dauerfestigkeit und Verschleissfestigkeit werden anhand von schlagenden und ziehenden Testausrüstungen verifiziert.



När de lämnar härdugnarna hårdhetsprovas krafthylsor från varje parti.

Leaving the furnaces sockets from each batch are tested for hardness.

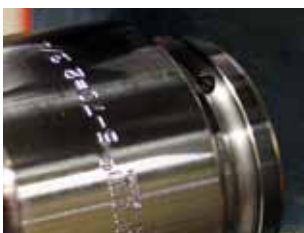
Nach Verlassen der Härteanlage werden die Steckschlüssel jeder Serie auf ihre Härte geprüft.



En mångsidig värmebehandlingsavdelning fullt utrustad för seghårdning, mjukglödning, sätthårdning, nitrokarburering, nitriding och karbonitrering säkrar de rätta egenskaperna för varje produkt.

A versatile heat treatment department fully equipped for tempering, annealing, casehardening, nitro carburizing, nitride hardening and carbonitriding secures the right properties for each product.

Die optimale Wärmebehandlung garantiert die gewünschten Eigenschaften eines jeden Produktes. Wir vergüten, weichglühen, einsatzhärten, nitrohärten und karbonitrieren – je nach Bedarf.



"Maskindrivna hylsor skall vara märkta på ett beständigt och läsbart sätt". Rullmärkning av tillverkaren är i praktiken den enda metod som svarar upp mot detta krav.

"Machine-operated sockets shall be marked permanently and legibly."

Roller stamping by the manufacturer is the only method that really meets this demand.

"Maschinenbetätigte Steckschlüssel müssen deutlich und dauerhaft gekennzeichnet sein". Rollenprägung durch den Hersteller ist praktisch die einzige Methode, die diesen Anforderungen genügt.



Speciallegerat svenskt fjäderstål.

Special alloy Swedish spring steel.

Speziallegierter, swedischer Federstahl.



Som ledande konstruktör av maskindrivna hylsor och tillbehör sedan 1951, används alltid den senaste CAD och CAM tekniken.

Leading designers of machine-operated sockets and accessories since 1951, always using the latest CAD and CAM techniques.

Als führender Konstrukteur von maschinenbetätigten Steckschlüsseln seit 1951 bedienen wir uns natürlich modernster CAD- und CAM-Technik.



En specialutvecklad process för plastisk bearbetning förvandlar högkvalitetsstål till högkvalitetskrafthylsor.

A specially developed warm forming process turns high quality steel into high quality sockets.

Ein speziell entwickelter Prozess für plastische Bearbeitung verwandelt Qualitätsstahl zu hochqualitativen Steckschlüsseln.



Den korta tid det tar att montera pinne och ring är ett litet pris för säkra arbetsförhållanden.

The short time it takes to fit pin and ring is a small price for safe working conditions!

Der geringer Zeitaufwand für die Montage von Stift und Ring ist ein geringer Preis für sichere Arbeitsbedingungen.



"Ytbeläggningen skall bestå av en kemiskt producerad oxidbeläggning följt av en rostskyddande beläggning. Krom- eller nickelöverdragning får inte användas på maskindrivna hylsor." Ett helautomatiskt system skapar en varaktig svartoxidering och en rostskyddande finish.










"The coating shall consist of chemically produced oxide coating followed with a coating of a rust preventative. Chrome or nickel plating must not be used for machine-operated sockets." A fully

automated system provides a durable black oxide and rust preventative finish.

"Die Oberflächenbeschichtung besteht aus einer chemisch hergestellten Oxidschicht und anschließender Rostschutzbeschichtung. Chrom- oder Nickelbeschichtung sind nicht erlaubt für maschinenbetätigte Steckschlüssel." Ein vollautomatisches System sorgt für eine dauerhafte Schwarzoxidierung und rostschützende Oberfläche.

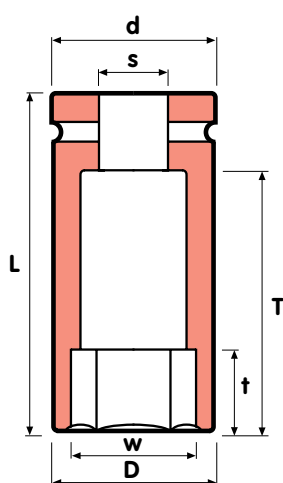
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Skruvmejsel tillbehör	Screwdriver accessories	Schrauber zubehör
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	Symboler	Symbols	Symbole	
		Invändig fyrkant	Female square	Innen-Vierkant
		Utvändig fyrkant	Male square	Aussen-Vierkant
		Invändig sexkant	Female hexagon	Innen-Sechskant
		Utvändig sex kant	Male hexagon	Aussen-Sechskant
		Nyckelvidd	A/F size	Schlüsselweite
		Kullagermutter	Ball bearing nut	Kugellagermutter
		Gänga	Thread	Gewinde
		Invändig spline	Female spline	Innen-Spline
		Vikt	Weight	Gewicht

	Drivändekod	Drive end code	Antriebskode
1/4"	0	0	0
3/8"	1	1	1
1/2"	4	4	4
5/8"	8	8	8
3/4"	2	2	2
1"	9	9	9
1 1/4"	3	3	3
1 1/2"	5	5	5
2 1/2"	6	6	6
3 1/2"	12	12	12
No. 5 Spline	7	7	7

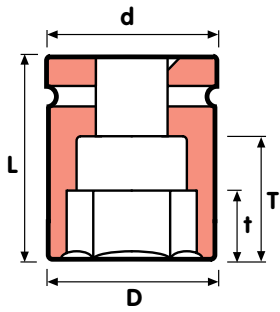
	d	Diameter drivände	d	Diameter at drive end	d	Durchmesser, Antriebsseite
	s	Drivanslutning	s	Drive connection	s	Antrieb
	T	Frigångsdjup	T	Bolt clearance depth	T	Eintauchtiefe Bolzen
	t	Nyckeldjup	t	Depth of wrench opening	t	Eintauchtiefe
	L	Längd	L	Overall length	L	Länge
	w	Nyckelöppning	w	Wrench opening A/F	w	Schlüsselweite
	D	Diameter nyckelände	D	Diameter at wrench end	D	Durchmesser, Schlüsselseite





Krafthylsor



Impact sockets

Kraftsteckschlüssel-Einsätze



	Part No.	D mm	d mm	L mm	t mm	T mm	 kg
4	0-4	7,6	13	25	4	15	0,01
4,5	0-4,5	8,2	13	25	4	15	0,01
5	0-5	8,9	13	25	4	15	0,02
5,5	0-5,5	9,5	13	25	4	15	0,02
6	0-6	10,1	13	25	4	15	0,02
7	0-7	11,4	13	25	5	15	0,02
8	0-8	12,6	13	25	5	15	0,02
9	0-9	13,9	13	25	5	15	0,01
10	0-10	15,1	13	25	7	15	0,02
11	0-11	16,4	13	25	7	15	0,02
12	0-12	17,6	13	25	7	14	0,02
13	0-13	18,9	13	25	8	14	0,02
14	0-14	20,1	13	25	10	14	0,02
15	0-15	21	16	30	10	20	0,04
16	0-16	22	16	30	10	20	0,06
17	0-17	23	16	30	10	20	0,05
18	0-18	24,5	16	30	11	19	0,05

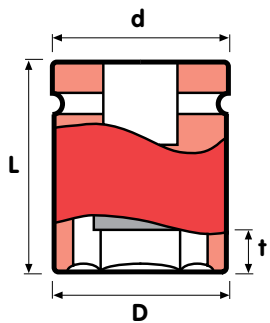
8	0-8L	12,6	13	57	5	48	0,04
10	0-10L	15,1	13	57	7	48	0,04
12	0-12L	17,6	13	57	7	48	0,04
13	0-13L	18,9	13	57	8	48	0,07

	Part No.	D mm	d mm	L mm	t mm	T mm	 kg
3/16	0-3/16	8,9	13	25	4	15	0,01
1/4	0-1/4	10,1	13	25	4	15	0,02
5/16	0-5/16	12,6	13	25	5	15	0,02
3/8	0-3/8	15,1	13	25	7	15	0,02
7/16	0-7/16	16,4	13	25	7	15	0,02
1/2	0-1/2	18,9	13	25	8	14	0,03
9/16	0-9/16	20,1	13	25	10	16	0,04
5/8	0-5/8	22	16	30	10	20	0,01

Magnetiska krafthylsor

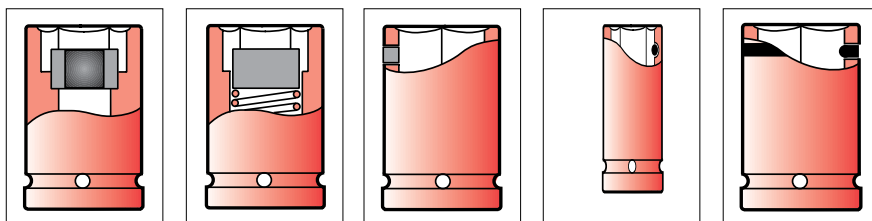
Magnetic impact sockets

Magnetische Kraftsteckschlüssel-Einsätze



Part No	D mm	d mm	L mm	t mm	kg
5,5 0-5,5M	9,5	13	25	2	0,02
6 0-6M	10,1	13	25	2,5	0,02
7 0-7M	11,4	13	25	2,5	0,02
8 0-8M	12,6	13	25	3	0,02
9 0-9M	13,9	13	25	3	0,02
10 0-10M	15,1	13	25	5	0,02
11 0-11M	16,4	13	25	5	0,02
12 0-12M	17,6	13	25	5	0,03
13 0-13M	18,9	13	25	5	0,03

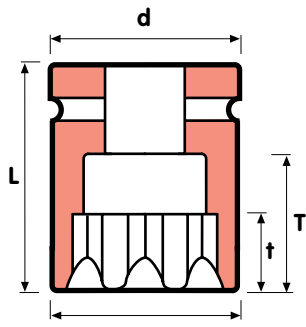
NV tum	Part No	D mm	d mm	L mm	t mm	kg
1/4	0-1/4M	10,1	13	25	2,5	0,02
5/16	0-5/16M	12,6	13	25	3	0,02
3/8	0-3/8M	15,1	13	25	5	0,02
7/16	0-7/16M	16,4	13	25	5	0,02



TORX krafthylsor

TORX impact sockets

TORX Kraftsteckschlüssel-Einsätze

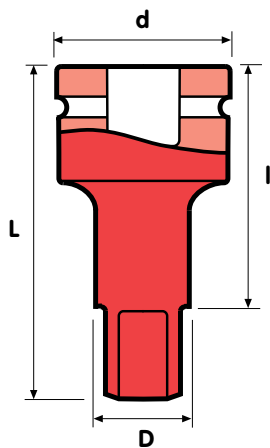


Part No	D mm	d mm	L mm	t mm	T mm	kg
E4 0-E4	6,6	13	25	3,5	16	0,01
E5 0-E5	7,7	13	25	4	16	0,01
E6 0-E6	8,7	13	25	4	16	0,01
E7 0-E7	9	13	25	5	16	0,01
E8 0-E8	9,7	13	25	6	16	0,01
E10 0-E10	13	13	25	6,5	16	0,01

Förlängningar

Extensions

Verlängerungen

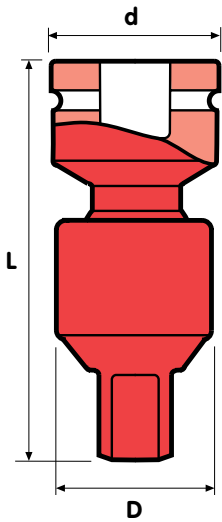


Part No	Model	D mm	d mm	L mm	I mm	kg
1/4 1/4 EB00-2	A	8,2	13	51	43,5	0,03
1/4 1/4 EB00-6	A	8,2	13	153	145,5	0,07

Universalknutar

Universal joints

Kugelgelenke



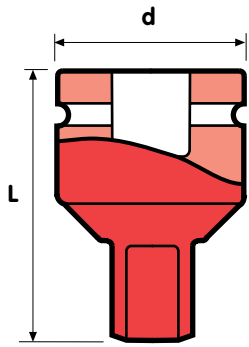
□	■	Part No	Mod.	D mm	d mm	L mm	kg
1/4	1/4	UK00	A	17	13	43	0,04



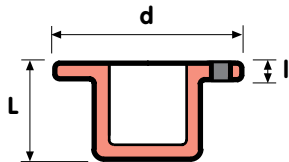
Övergångar

Adapters

Reduzierstücke



□	■	Part No	Mod.	d mm	L mm	kg
1/4	3/8	PA01	A	13	28	0,02

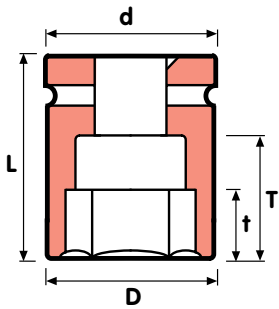




□	■	Part No	d mm	L mm	kg
1/4	3/8	IPA01	22	14	0,02

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze



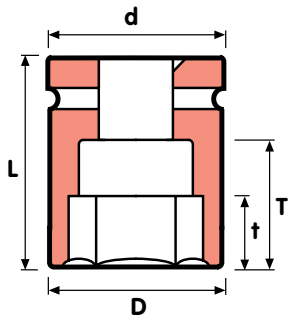
		Part No	D mm	d mm	L mm	t mm	T mm	 kg
5		1-5	9	19	34	4	20	0,05
6		1-6	10	19	34	4	22	0,04
7		1-7	12	19	34	5	22	0,04
8		1-8	13,5	19	34	5	22	0,04
9		1-9	14,8	19	34	5	22	0,04
10		1-10	16	19	34	7	22	0,04
11		1-11	17,2	19	34	7	22	0,04
12		1-12	18,5	19	34	8	22	0,05
13		1-13	19,8	22	34	8	22	0,06
14		1-14	21	22	34	10	22	0,06
15		1-15	22,5	22	34	10	22	0,06
16		1-16	23,8	22	34	10	22	0,06
17		1-17	25	22	34	10	22	0,07
18		1-18	26	22	34	11	22	0,07
19		1-19=3/4	27,5	22	34	11	22	0,07
20		1-20	28,5	22	34	12	20	0,10
21		1-21	29,5	27	34	12	21	0,10
22		1-22	31	27	34	12	21	0,12
24		1-24	33,5	27	34	14	21	0,10
27		1-27=1 1/16	37	27	34	15	18	0,10
30		1-30=1 3/16	40	27	34	15	17	0,13
32		1-32	42	27	34	15	17	0,15

6		1-6L	10	19	57	4	45	0,08
7		1-7L	12	19	57	5	45	0,08
8		1-8L	13,5	19	57	5	45	0,06
9		1-9L	14,8	19	57	5	45	0,06
10		1-10L	16	19	57	7	45	0,07
11		1-11L	17,2	19	57	7	45	0,07
12		1-12L	18,5	19	57	8	45	0,07
13		1-13L	19,8	22	57	8	45	0,09
14		1-14L	21	22	57	10	44	0,10
15		1-15L	22,5	22	57	10	45	0,10
16		1-16L	23,8	22	57	10	45	0,10
17		1-17L	25	22	57	10	45	0,12
18		1-18L	26	22	57	11	45	0,13
19		1-19=3/4L	27,5	22	57	11	45	0,13
20		1-20L	28,5	22	57	12	43	0,15
21		1-21L	29,5	27	57	12	45	0,18
22		1-22L	31	27	57	12	45	0,15
30		1-30=1 3/16L	40	27	57	15	40	0,13

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

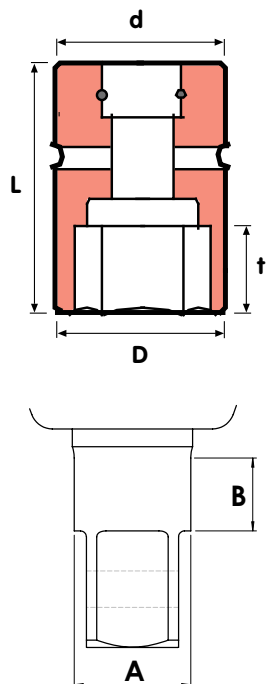


Part No	D mm	d mm	L mm	t mm	T mm	kg	
1/8	1-1/8	6,7	19	34	3	22	0,04
1/4	1-1/4	10	19	34	4	22	0,04
5/16	1-5/16	13,5	19	34	5	22	0,04
3/8	1-3/8	16	19	34	7	22	0,04
7/16	1-7/16	17,2	19	34	7	22	0,05
1/2	1-1/2	19,8	22	34	8	22	0,06
9/16	1-9/16	21	22	34	10	22	0,06
5/8	1-5/8	23,8	22	34	10	22	0,07
11/16	1-11/16	25	22	34	10	22	0,06
3/4	1-19=3/4	27,5	22	34	11	22	0,07
13/16	1-13/16	29,5	27	34	12	19	0,10
7/8	1-7/8	31	27	34	12	19	0,12
1/4	1-1/4L	10	19	34	4	22	0,07
5/16	1-5/16L	13,5	19	34	5	22	0,07
3/8	1-3/8L	16	19	34	7	22	0,07
7/16	1-7/16L	17,2	19	34	7	22	0,07
1/2	1-1/2L	19,8	22	34	8	22	0,09
9/16	1-9/16L	21	22	34	10	22	0,08
5/8	1-5/8L	23,8	22	34	10	21	0,11
11/16	1-11/16L	25	22	34	10	21	0,13

True drive krafthylsor

True drive impact sockets

True drive Kraftsteckschlüssel-Einsätze

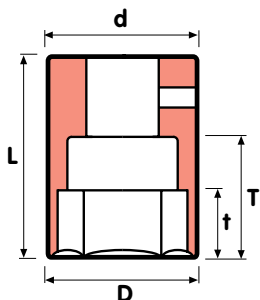


Part No	A	B (min)	D mm	d mm	L mm	t mm	kg	
10	1-10TD12	12	11	16	19	38	7	0,06
11	1-11TD12	12	11	17,2	19	38	7	0,06
12	1-12TD12	12	11	18,5	19	38	8	0,06
13	1-13TD12	12	11	19,5	22	38	8	0,06
14	1-14TD12	12	11	20,5	22	38	10	0,06
15	1-15TD12	12	11	22	22	38	10	0,06
16	1-16TD12	12	11	23	22	40	10	0,06
17	1-17TD12	12	11	24,5	22	40	10	0,065
18	1-18TD12	12	11	25,5	22	40	11	0,065
19	1-19TD12	12	11	27	22	40	11	0,07
21	1-21TD12	12	11	29,5	22	40	12	0,095

Tunnväggiga krafthylsor

Thin wall power sockets

Dünnwandige Kraftsteckschlüsseleinsätze



Part No	D mm	d mm	L mm	t mm	T mm	kg
6 T1-6	9,5	18	34	4	22	0,03
7 T1-7	11	18	34	5	22	0,03
8 T1-8	12,2	18	34	5	22	0,03
9 T1-9	13,5	18	34	5	22	0,03
10 T1-10	14,7	18	34	7	22	0,03
11 T1-11	16	18	34	7	22	0,03
12 T1-12	17,2	18	34	8	22	0,03
13 T1-13	18,5	18,5	34	8	22	0,04
14 T1-14	19,7	19,7	34	10	22	0,04
15 T1-15	21	21	34	10	22	0,05
16 T1-16	22,2	22,2	34	10	22	0,05
17 T1-17	23,5	23,5	34	10	22	0,06
18 T1-18	24,7	24,7	34	11	22	0,06
19 T1-19=3/4	26	26	34	11	22	0,07

8 T1-8L	12,2	19	57	5	45	0,06
10 T1-10L	14,7	19	57	7	45	0,05
11 T1-11L	16	19	57	7	45	0,05
12 T1-12L	17,2	19	57	8	45	0,06
13 T1-13L	18,5	22	57	8	45	0,07
14 T1-14L	19,7	22	57	10	45	0,08
15 T1-15L	21	22	57	10	45	0,08
16 T1-16L	22,2	22	57	10	45	0,11
17 T1-17L	23,5	22	57	10	45	0,13
18 T1-18L	24,7	22	57	11	45	0,12
19 T1-19=3/4L	26	22	57	11	45	0,13

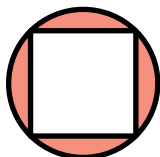
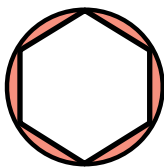
Tunnväggiga krafthylsor har små ytterdiametrar liknande förkromade standardhylsor.

De tål därför inte lika stora påfrestningar som normala krafthylsor och bör bara användas när utrymmet är begränsat.

Hur tunna väggar kan en hylsa ha? Den absoluta gränsen är fyr- eller sexkantens omskrivande cirkel.

Multipluera nyckelvidden med 1,155 eller fyrkanten med 1,414 för att få den omskrivande cirkeln.

En hylsa med nyckelvidd 19 mm och ytterdiameter 24 mm skulle få en vägg-tjocklek över hörn på 1 mm. Det är inte mycket!



Thin wall power sockets have small outside diameters like hand tool sockets.

They cannot be expected to stand up to the same high loads as normal impact sockets and should only be used when limited clearance is a factor.

How thin can the walls be? The absolute limit is the circle circumscribing the square or the hexagon.

Multiply the A/F size by 1,155 or the internal square by 1,414 to get the circumscribing circle.

A socket with 19 mm across flats and an outside diameter of 24 mm would have 1 mm thick walls. That is not much!

Dünnwandige Kraftsteckschlüsseleinsätze haben kleine Aussendurchmesser ähnlich verchromten Standardsteckschlüsseln.

Es kann nicht erwartet werden, dass sie die gleiche hohe Belastung wie normale Kraftsteckschlüssel aushalten. Sie sollten nur bei Platzmangel eingesetzt werden.

Wie dünn kann die Wandstärke sein? Die absolute Begrenzung ist der umschreibende Kreis.

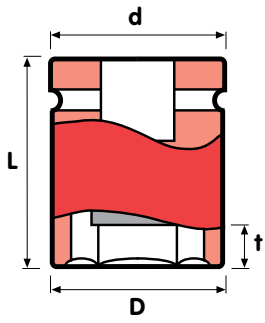
Die Schlüsselweite mit 1,155 oder den Vierkant mit 1,414 multiplizieren um den umschreibenden Kreis zu errechnen.

Somit würde eine Stecknuss mit Schlüsselweite 19 mm und Aussendurchmesser 24 mm eine Wandstärke von nur 1 mm haben.

Magnetiska krafthylsor

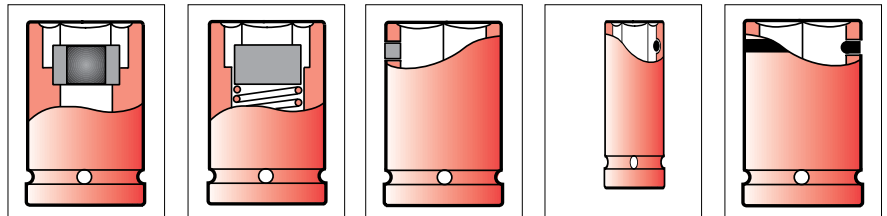
Magnetic impact sockets

Magnetische Kraftsteckschlüssel-Einsätze



Part No	D mm	d mm	L mm	t mm	kg
8 1-8M	13,5	19	34	3	0,05
10 1-10M	16	19	34	5	0,05
11 1-11M	17,2	19	34	5	0,05
12 1-12M	18,5	19	34	5	0,05
13 1-13M	19,8	22	34	5	0,06
14 1-14M	21	22	34	7	0,07
16 1-16M	23,8	22	34	8	0,07
17 1-17M	25	22	34	8	0,07

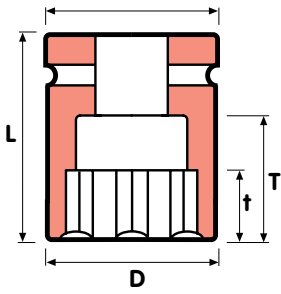
Part No	D mm	d mm	L mm	t mm	kg
1/4 1-1/4M	10	19	34	2,5	0,04
5/16 1-5/16M	13,5	19	34	3	0,05
3/8 1-3/8M	16	19	34	5	0,05
7/16 1-7/16M	17,2	19	34	5	0,05
1/2 1-1/2M	19,8	22	34	5	0,06
9/16 1-9/16M	21	22	34	7	0,07



Surface drive krafthylsor

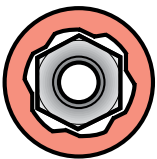
Surface drive impact sockets

Surface drive Kraftsteckschlüssel-Einsätze



Part No	D mm	d mm	L mm	t mm	T mm	kg	
8	1-SF8	13,5	19	34	5	22	0,04
10	1-SF10	16	19	34	7	22	0,04
11	1-SF11	17,2	19	34	7	22	0,04
12	1-SF12	18,5	19	34	8	22	0,04
13	1-SF13	19,8	22	34	8	22	0,06
14	1-SF14	21	22	34	10	22	0,06
15	1-SF15	22,5	22	34	10	22	0,06
16	1-SF16	23,8	22	34	10	22	0,06
17	1-SF17	25	22	34	10	22	0,07
18	1-SF18	26	22	34	11	22	0,07
19	1-SF19=3/4	27,5	22	34	11	22	0,07
21	1-SF21	29,5	27	34	12	21	0,08
22	1-SF22	31	27	34	12	21	0,08
24	1-SF24	33,5	27	34	14	21	0,12

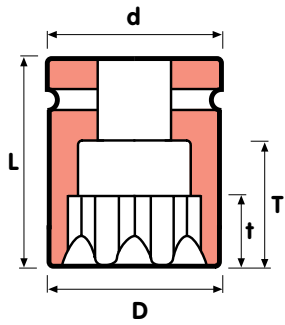
8	1-SF8L	13,5	19	57	5	45	0,06
10	1-SF10L	16	19	57	7	45	0,07
11	1-SF11L	17,2	19	57	7	45	0,08
12	1-SF12L	18,5	19	57	8	45	0,07
13	1-SF13L	19,8	22	57	8	45	0,10
14	1-SF14L	21	22	57	10	45	0,11
16	1-SF16L	23,8	22	57	10	45	0,13
18	1-SF18L	26	22	57	11	45	0,14
19	1-SF19=3/4L	27,5	22	57	11	45	0,16
22	1-SF22L	31	27	57	12	45	0,20





TORX krafthylsor

TORX impact sockets

TORX Kraftsteckschlüssel-Einsätze

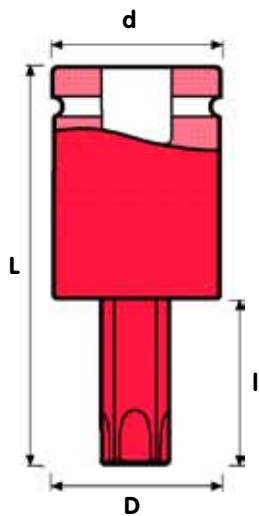




	Part No	D mm	d mm	L mm	t mm	T mm	 kg
E6	1-E6	10,7	19	34	4,5	21	0,04
E7	1-E7	11,2	19	34	5,5	21	0,04
E8	1-E8	11,7	19	34	6,5	21	0,04
E10	1-E10	12,2	19	34	7	23	0,04
E12	1-E12	14,2	19	34	8,5	23	0,04
E14	1-E14	17,2	19	34	9,5	23	0,04
E16	1-E16	18,2	19	34	10,5	23	0,04

Utvändiga TORX hylsor

External TORX sockets

Aussen-TORX Steckschlüssel-Einsätze



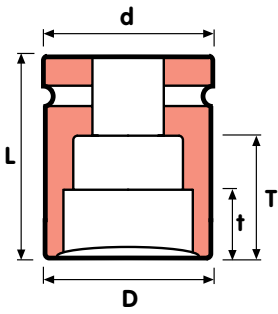
	Part No	D mm	d mm	L mm	l mm	 kg
T20	1-T20	11	19	49	34	0,05
T30	1-T30	11	19	49	34	0,05
T40	1-T40	11	19	49	34	0,05
T50	1-T50	12,5	19	54	34	0,05






Fyrkant krafthylsor

4-point impact sockets

Vierkant Kraftsteckschlüssel-Einsätze



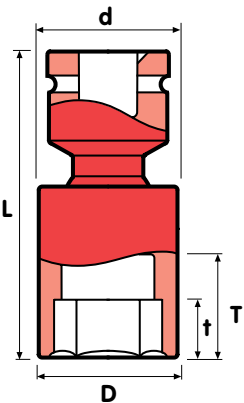
		Part No	D mm	d mm	L mm	t mm	T mm		kg
5		1-4K5	14	22	34	5	22		0,06
7		1-4K7	16	22	34	7	22		0,12
8		1-4K8	18,5	22	34	8	22		0,12
10		1-4K10	22	22	34	10	22		0,12
12		1-4K12	24	22	38	12	24		0,12
14		1-4K14	27	22	40	14	26		0,12
17		1-4K17	32	22	45	17	30		0,17



		Part No	D mm	d mm	L mm	t mm	T mm		kg
1/4		1-4K1/4	15	22	34	6	22		0,12
3/8		1-4K3/8	22	22	34	10	22		0,12
1/2		1-4K1/2	26	22	38	15	22		0,11

Kulledshylsor

Universal sockets

Gelenk-Steckschlüssel-Einsätze



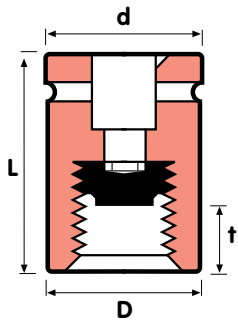
		Part No	D mm	d mm	L mm	t mm	T mm		kg
10		US1-10	15	22	62	7	17		0,09
11		US1-11	16	22	62	7	17		0,09
12		US1-12	17	22	62	8	17		0,09
13		US1-13	18,5	22	62	8	17		0,09
14		US1-14	20	22	62	10	17		0,09
15		US1-15	21	22	62	10	15		0,10
16		US1-16	23	22	59	10	15		0,10
17		US1-17	24	22	59	10	14		0,11
18		US1-18	25	22	59	11	14		0,12
19		US1-19	26	22	29	11	14		0,13



10		US1-10L	15	22	148	7	17		0,14
11		US1-11L	16	22	148	7	17		0,14
12		US1-12L	17	22	148	8	17		0,15
13		US1-13L	18,5	22	148	8	17		0,14
14		US1-14L	20	22	148	10	17		0,15
15		US1-15L	21	22	148	10	15		0,15
16		US1-16L	23	22	146	10	15		0,18
17		US1-17L	24	22	146	10	14		0,19
18		US1-18L	25	22	146	11	14		0,19
19		US1-19L	26	22	146	11	14		0,20

Pinnbultshylsor

Stud runner sockets

Stehbolzensteckschlüssel-Einsätze

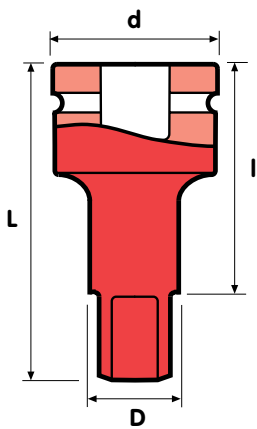





		Part No	Stigning Pitch Steigung	D mm	d mm	L mm	t mm	 kg
	M4	1-M4	0,7	12	22	57	5	0,07
	M5	1-M5	0,8	13	22	57	7	0,09
	M6	1-M6	1	14	22	57	8	0,10
	M8	1-M8	1,25	17	22	57	12	0,08
	M10	1-M10	1,5	19	22	57	14	0,09
	M12	1-M12	1,75	21	22	57	16	0,09
	1/4" - 20 UNC	1-UNC1/4		15	22	57	8	0,07
	5/16" - 18 UNC	1-UNC5/16		17	22	57	12	0,08
	3/8" - 16 UNC	1-UNC3/8		19	22	57	14	0,09

Förlängningar

Extensions

Verlängerungen

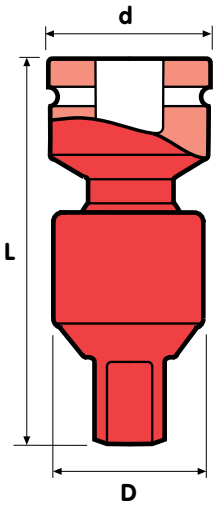


			Part No	Model	D mm	d mm	L mm	l mm	 kg
3/8	3/8	EB11-2	A	12,4	21,25	51	40	0,07	
3/8	3/8	EB11-3	A	12,4	21,25	76	65	0,10	
3/8	3/8	EB11-4	A	12,4	21,25	102	91	0,12	
3/8	3/8	EB11-5	A	12,4	21,25	127	116	0,16	
3/8	3/8	EB11-6	A	12,4	21,25	152	141	0,16	
3/8	3/8	EB11-10	A	12,4	21,25	254	243	0,27	
3/8	3/8	EB11-12	A	12,4	22	305	294	0,43	

Universalknutar

Universal joints

Kugelgelenke



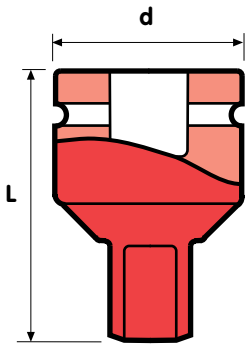
□	■	Part No	Model	D mm	d mm	L mm	kg
3/8	3/8	UK11	A	23	22	62	0,11



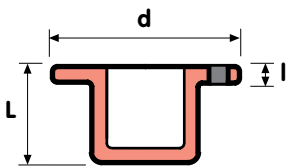
Övergångar

Adapters

Reduzierstücke



□	■	Part No	Model	d mm	L mm	kg
3/8	1/4	PA10	A	22	31	0,04
3/8	1/2	PA14	A	22	35	0,06

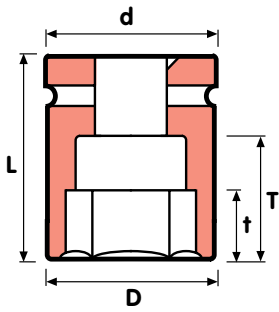




□	■	Part No	d mm	L mm	kg
3/8	1/2	IPA14	30	18	0,03

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

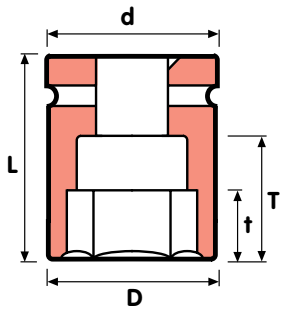




		Part No	D mm	d mm	L mm	t mm	T mm	 kg
6		4-6	12	25	38	4	22	0,07
7		4-7	13	25	38	5	22	0,07
8		4-8	14,5	25	38	5	22	0,08
9		4-9	16	25	38	5	22	0,09
10		4-10	17	25	38	7	20	0,08
11		4-11	18,5	25	38	7	20	0,08
12		4-12	19,7	25	38	8	20	0,08
13		4-13	21	25	38	8	20	0,09
14		4-14	22,5	25	38	10	20	0,08
15		4-15	23,5	30	38	10	20	0,13
16		4-16	24,5	30	38	10	20	0,13
17		4-17	26	30	38	10	20	0,13
18		4-18	27,5	30	38	11	20	0,13
19		4-19=3/4	29	30	38	11	20	0,13
20		4-20	30	30	38	12	20	0,13
21		4-21	31	30	38	12	20	0,13
22		4-22	32,5	30	38	12	20	0,14
23		4-23	33,5	30	38	13	20	0,14
24		4-24	35	30	40	14	21	0,16
25		4-25	37	30	40	14	22	0,18
26		4-26	38	30	40	15	21	0,18
27		4-27=1 1/16	38,5	30	45	16	25	0,21
28		4-28	40	30	45	16	25	0,21
29		4-29	41	30	45	17	25	0,19
30		4-30=1 3/16	42,5	30	50	17	30	0,27
31		4-31	44	40	50	17	30	0,33
32		4-32	45	40	50	19	30	0,35
33		4-33	46,5	40	50	19	31	0,35
34		4-34	47	40	50	20	29	0,34
35		4-35=1 3/8	49	40	56	20	35	0,35
36		4-36	50	40	56	20	35	0,41
37		4-37	51	40	56	21	35	0,50
38		4-38=1 1/2	52	40	56	21	34	0,44
41		4-41	57	40	60	23	38	0,51
46		4-46=1 13/16	63	40	65	25	42	0,84

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

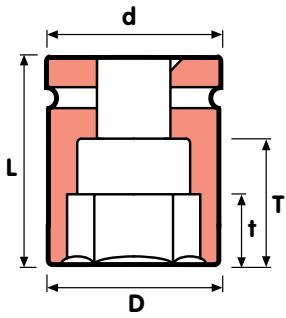




	 Part No	D mm	d mm	L mm	t mm	T mm	 kg
8	4-8L	14,5	25	82	5	66	0,20
9	4-9L	16	25	82	5	66	0,20
10	4-10L	17	25	82	7	64	0,13
11	4-11L	18,5	25	82	7	64	0,15
12	4-12L	19,7	25	82	8	64	0,16
13	4-13L	21	25	82	8	64	0,17
14	4-14L	22,5	25	82	10	64	0,19
15	4-15L	23,5	30	82	10	64	0,24
16	4-16L	24,5	30	82	10	64	0,22
17	4-17L	26	30	82	10	64	0,24
18	4-18L	27,5	30	82	11	64	0,26
19	4-19=3/4L	29	30	82	11	64	0,28
20	4-20L	30	30	82	12	64	0,31
21	4-21L	31	30	82	12	64	0,31
22	4-22L	32,5	30	82	12	63	0,30
23	4-23L	33,5	30	82	13	63	0,33
24	4-24L	35	30	82	14	63	0,35
25	4-25L	37	30	82	14	64	0,35
26	4-26L	38	30	82	15	63	0,43
27	4-27=1 1/16L	38,5	30	82	16	63	0,43
28	4-28L	40	30	82	16	63	0,45
29	4-29L	41	30	82	17	62	0,46
30	4-30=1 3/16L	42,5	30	82	17	63	0,48
31	4-31L	44	40	82	17	62	0,56
32	4-32L	45	40	82	19	60	0,55
33	4-33L	46,5	40	82	19	62	0,56
34	4-34L	47	40	82	20	61	0,59
35	4-35=1 3/8L	49	40	82	20	61	0,64
36	4-36L	50	40	82	20	61	0,64
38	4-38=1 1/2L	52	40	82	21	60	0,66
41	4-41L	57	40	82	23	60	0,84
46	4-46=1 13/16L	63	40	82	25	59	0,84

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

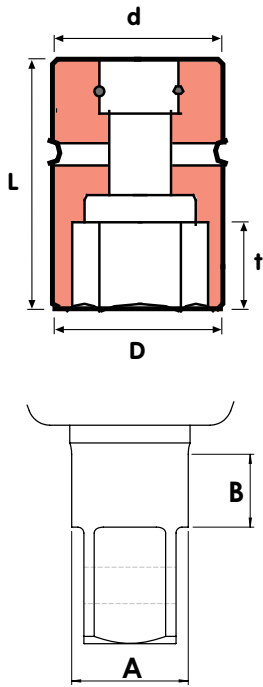


	Part No	D mm	d mm	L mm	t mm	T mm		kg
1/4	4-1/4	12	25	38	4	22	0,06	
5/16	4-5/16	14,5	25	38	5	22	0,07	
3/8	4-3/8	17	25	38	7	20	0,08	
7/16	4-7/16	18,5	25	38	7	20	0,08	
1/2	4-1/2	21	25	38	8	20	0,08	
9/16	4-9/16	22,5	25	38	10	20	0,08	
5/8	4-5/8	24,5	30	38	10	20	0,13	
11/16	4-11/16	26	30	38	10	20	0,13	
3/4	4-19=3/4	29	30	38	11	20	0,13	
13/16	4-13/16	31	30	38	12	20	0,13	
7/8	4-7/8	32,5	30	38	12	20	0,14	
15/16	4-15/16	35	30	40	14	21	0,16	
1	4-1	37	30	40	14	21	0,17	
1 1/16	4-27=1 1/16	38,5	30	45	16	25	0,21	
1 1/8	4-1 1/8	41	30	45	17	25	0,22	
1 3/16	4-30=1 3/16	42,5	30	50	17	30	0,27	
1 1/4	4-1 1/4	45	40	50	19	30	0,35	
1 5/16	4-1 5/16	46,5	40	50	19	30	0,29	
1 7/16	4-1 7/16	51	40	56	21	35	0,51	
3/8	4-3/8L	17	25	82	7	64	0,13	
7/16	4-7/16L	18,5	25	82	7	64	0,15	
1/2	4-1/2L	21	25	82	8	64	0,17	
9/16	4-9/16L	22,5	25	82	10	64	0,19	
5/8	4-5/8L	24,5	30	82	10	64	0,22	
11/16	4-11/16L	26	30	82	10	64	0,24	
3/4	4-19=3/4L	29	30	82	11	64	0,28	
13/16	4-13/16L	31	30	82	12	64	0,31	
7/8	4-7/8L	32,5	30	82	12	63	0,31	
15/16	4-15/16L	35	30	82	14	63	0,35	
1	4-1L	37	30	82	14	63	0,37	
1 1/16	4-27=1 1/16L	38,5	30	82	16	62	0,43	
1 1/8	4-1 1/8L	41	30	82	17	62	0,45	
1 3/16	4-30=1 3/16L	42,5	30	82	17	62	0,48	
1 1/4	4-1 1/4L	45	40	82	19	62	0,51	
1 5/16	4-1 5/16L	46,5	40	82	19	62	0,59	

True drive krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze



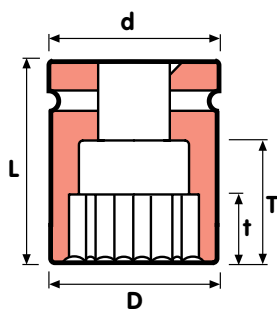
Part No	A	B (min)	D mm	d mm	L mm	t mm	kg
12 4-12TD16	16	11	19,7	25	48	8	0,11
13 4-13TD16	16	11	21	25	48	8	0,11
14 4-14TD16	16	11	22,5	25	48	10	0,11
15 4-15TD16	16	11	23,5	30	48	10	0,12
16 4-16TD16	16	11	24,5	30	48	10	0,16
17 4-17TD16	16	11	26	30	48	10	0,13
18 4-18TD16	16	11	27,5	30	48	11	0,13
19 4-19TD16	16	11	29	30	48	11	0,13
21 4-21TD16	16	11	31	30	50	12	0,13
22 4-22TD16	16	11	32,5	30	50	12	0,135
23 4-23TD16	16	11	34	30	50	13	0,14
24 4-24TD16	16	11	35	30	50	14	0,16







Dubbel 6-kant krafthylsor

12-point impact sockets

12-Kant Kraftsteckschlüsseleinsätze



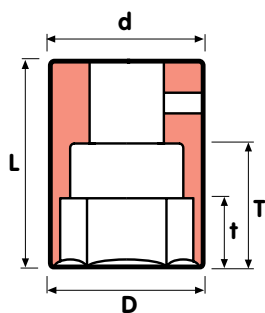
	 Part No	D mm	d mm	L mm	t mm	T mm	 kg
10	4-D6K10	17	25	38	7	20	0,08
11	4-D6K11	18,5	25	38	7	20	0,08
12	4-D6K12	19,7	25	38	8	20	0,08
13	4-D6K13	21	25	38	8	20	0,08
14	4-D6K14	22,5	25	38	10	20	0,08
15	4-D6K15	23,5	30	38	10	20	0,09
16	4-D6K16	24,5	30	38	10	20	0,13
17	4-D6K17	26	30	38	10	20	0,13
18	4-D6K18	27,5	30	38	11	20	0,13
19	4-D6K19=3/4	29	30	38	11	20	0,13
20	4-D6K20	30	30	38	12	20	0,13
21	4-D6K21	31	30	38	12	20	0,12
22	4-D6K22	32,5	30	38	12	20	0,14
23	4-D6K23	33,5	30	38	13	20	0,14
24	4-D6K24	35	30	40	14	21	0,16
26	4-D6K26	38	30	40	15	21	0,18
27	4-D6K27=1 1/16	38,5	30	45	16	25	0,21
28	4-D6K28	40	30	45	16	25	0,21
30	4-D6K30=1 3/16	42,5	30	50	17	30	0,27
32	4-D6K32	45	40	50	19	30	0,35

	 Part No	D mm	d mm	L mm	t mm	T mm	 kg
3/8	4-D6K3/8	17	25	38	7	20	0,08
7/16	4-D6K7/16	18,5	25	38	7	20	0,08
1/2	4-D6K1/2	21	25	38	8	20	0,08
9/16	4-D6K9/16	22,5	25	38	10	20	0,08
5/8	4-D6K5/8	24,5	30	38	10	20	0,13
11/16	4-D6K11/16	26	30	38	10	20	0,13
3/4	4-D6K19=3/4	29	30	38	11	20	0,13
13/16	4-D6K13/16	31	30	38	12	20	0,13
7/8	4-D6K7/8	32,5	30	38	12	20	0,13
15/16	4-D6K15/16	35	30	40	14	21	0,16
1	4-D6K1	37	30	40	14	21	0,17
1 1/16	4-D6K27=1 1/16	38,5	30	45	16	25	0,21
1 1/8	4-D6K1 1/8	41	30	45	17	25	0,22
1 3/16	4-D6K30=1 3/16	42,5	30	50	17	30	0,27
1 1/4	4-D6K1 1/4	45	40	50	19	30	0,35

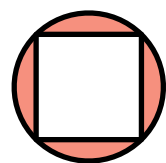
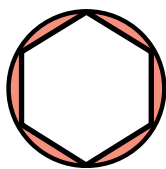
Tunnväggiga krafthylsor

Thin wall power sockets

Dünnwandige Kraftsteckschlüsseleinsätze



Part No	D mm	d mm	L mm	t mm	T mm	kg
8 T4-8	13	22,5	38	5	20	0,05
9 T4-9	14,2	22,5	38	5	20	0,05
10 T4-10	15,5	22,5	38	7	20	0,06
11 T4-11	16,7	22,5	38	7	20	0,05
12 T4-12	18	22,5	38	8	20	0,05
13 T4-13	19,2	22,5	38	8	20	0,06
14 T4-14	20,5	22,5	38	10	20	0,06
15 T4-15	21,7	22,5	38	10	20	0,06
16 T4-16	23	23	38	10	20	0,06
17 T4-17	24,2	24,2	38	10	20	0,07
18 T4-18	25,5	25,5	38	11	20	0,08
19 T4-19=3/4	26,7	26,7	38	11	20	0,09
20 T4-20	27,9	27,9	38	12	20	0,10
21 T4-21	29,2	29,2	38	12	20	0,11
22 T4-22	30,5	30,5	38	12	20	0,12
23 T4-23	31,8	31,8	38	13	20	0,13
24 T4-24	33	30	40	14	21	0,14
25 T4-25	34,1	30	40	14	21	0,16
26 T4-26	35	30	40	15	21	0,16
27 T4-27=1 1/16	36,7	30	45	16	25	0,16
28 T4-28	37,9	30	45	16	25	0,17
29 T4-29	39,3	32	45	17	25	0,19
30 T4-30=1 3/16	40,5	32	50	17	30	0,24
32 T4-32	43	32	50	19	30	0,24
33 T4-33	44,5	32	50	19	30	0,27
34 T4-34	45,5	32	50	20	29	0,25
36 T4-36	48	35	56	20	35	0,31



Hur tunna väggar kan en hylsa ha? Den absoluta gränsen är fyr- eller sex-kantens omskrivande cirkel.

Multipluera nyckelvidden med 1,155 eller fyrkanten med 1,414 för att få den omskrivande cirkeln.

En hylsa med nyckelvidd 19 mm och ytterdiameter 24 mm skulle få en vägg-tjocklek över hörn på 1 mm. Det är inte mycket!

How thin can the walls be? The absolute limit is the circle circumscribing the square or the hexagon.

Multiply the A/F size by 1,155 or the internal square by 1,414 to get the circumscribing circle.

A socket with 19 mm across flats and an outside diameter of 24 mm would have 1 mm thick walls. That is not much!

Wie dünn kann die Wandstärke sein? Die absolute Begrenzung ist der umschreibende Kreis.

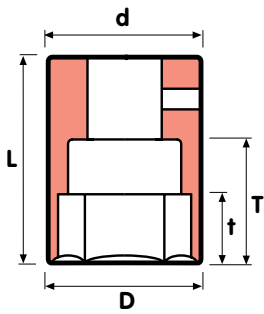
Die Schlüsselweite mit 1,155 oder den Vierkant mit 1,414 multiplizieren um den umschreibenden Kreis zu errechnen.



Somit würde eine Stecknuss mit Schlüsselweite 19 mm und Aussendurchmesser 24 mm eine Wandstärke von nur 1 mm haben.

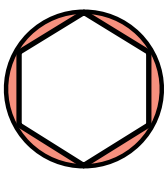
Tunnväggiga krafthylsor

Thin wall power sockets

Dünnwandige Kraftsteckschlüsseleinsätze



		Part No	D mm	d mm	L mm	t mm	T mm	 kg
6		T4-6L	10,5	25	82	4	64	0,10
5		T4-8L	13	25	82	5	64	0,09
10		T4-10L	15,5	25	82	7	64	0,09
11		T4-11L	16,7	25	82	7	64	0,09
12		T4-12L	18	25	82	8	64	0,10
13		T4-13L	19,2	25	82	8	64	0,15
14		T4-14L	20,5	25	82	10	64	0,18
15		T4-15L	21,7	30	82	10	64	0,13
16		T4-16L	23	30	82	10	64	0,14
17		T4-17L	24,2	30	82	10	64	0,24
18		T4-18L	25,5	30	82	11	64	0,26
19		T4-19=3/4L	26,7	30	82	11	64	0,25
20		T4-20L	28	30	82	12	64	0,27
21		T4-21L	29,2	30	82	12	64	0,19
22		T4-22L	30,5	30	82	12	63	0,29
23		T4-23L	32	30	82	13	63	0,28
24		T4-24L	33	30	82	14	63	0,28
27		T4-27=1 1/16L	36,7	30	82	16	63	0,38
28		T4-28L	37,9	30	82	16	63	0,43
30		T4-30=1 3/16L	40,5	30	82	17	63	0,44
32		T4-32L	43	40	82	19	60	0,46
34		T4-34L	45,5	40	82	20	61	0,42
36		T4-36L	48	40	82	20	61	0,42



Hur tunna väggar kan en hylsa ha? Den absoluta gränsen är fyr- eller sex-kantens omskrivande cirkel.

Multipluera nyckelvidden med 1,155 eller fyrkanten med 1,414 för att få den omskrivande cirkeln.

En hylsa med nyckelvidd 19 mm och ytterdiameter 24 mm skulle få en vägg-tjocklek över hörn på 1 mm. Det är inte mycket!

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A socket with 19 mm across flats and an outside diameter of 24 mm would have 1 mm thick walls. That is not much!

Wie dünn kann die Wandstärke sein? Die absolute Begrenzung ist der umschreibende Kreis.

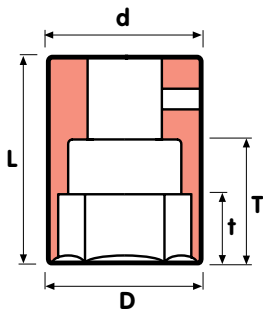
Die Schlüsselweite mit 1,155 oder den Vierkant mit 1,414 multiplizieren um den umschreibenden Kreis zu errechnen.



Somit würde eine Stecknuss mit Schlüsselweite 19 mm und Aussendurchmesser 24 mm eine Wandstärke von nur 1 mm haben.

Tunnväggiga krafthylsor

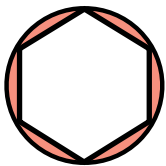
Thin wall power sockets

Dünnwandige Kraftsteckschlüsseleinsätze



	Part No	D mm	d mm	L mm	t mm	T mm	 kg
3/8	T4-3/8	15,1	22,5	38	7	20	0,05
7/16	T4-7/16	16,7	22,5	38	7	20	0,05
1/2	T4-1/2	19,2	22,5	38	8	20	0,06
9/16	T4-9/16	20,9	22,5	38	10	20	0,06
5/8	T4-5/8	23	23	38	10	20	0,06
11/16	T4-11/16	24,8	24,8	38	10	20	0,08
3/4	T4-19=3/4	26,7	26,7	38	11	20	0,09
13/16	T4-13/16	28,7	28,7	38	12	20	0,11
7/8	T4-7/8	30,8	30,8	38	12	20	0,14
15/16	T4-15/16	33	30	40	14	21	0,14
1 1/16	T4-27=1 1/16	36,7	30	45	16	25	0,16
1 1/8	T4-1 1/8	38,7	30	45	17	25	0,19
1 3/16	T4-30=1 3/16	40,5	32	50	17	30	0,24
1 1/4	T4-1 1/4	43	32	50	19	30	0,29

1/2	T4-1/2L	19,2	25	82	8	64	0,22
9/16	T4-9/16L	20,5	25	82	10	64	0,22
3/4	T4-19=3/4L	26,7	30	82	11	64	0,25
13/16	T4-13/16L	29,2	30	82	12	64	0,22
1 1/16	T4-27=1 1/16L	36,7	30	82	16	62	0,38
1 3/16	T4-30=1 3/16L	40,5	30	82	17	62	0,44



Hur tunna väggar kan en hylsa ha? Den absoluta gränsen är fyr- eller sex-kantens omskri-vande cirkel.

Multipluera nyckelvidden med 1,155 eller fyrkanten med 1,414 för att få den omskri-vande cirkeln.

En hylsa med nyckelvidd 19 mm och ytterdiameter 24 mm skulle få en vägg-tjocklek över hörn på 1 mm. Det är inte mycket!

How thin can the walls be? The absolute limit is the circle circumscribing the square or the hexagon.

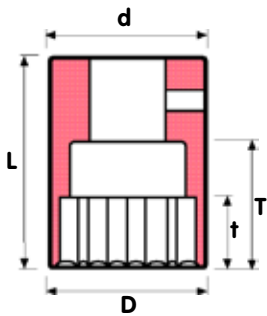
Multiply the A/F size by 1,155 or the internal square by 1,414 to get the circum-scribing circle.



A socket with 19 mm across flats and an outside diameter of 24 mm would have 1 mm thick walls. That is not much!

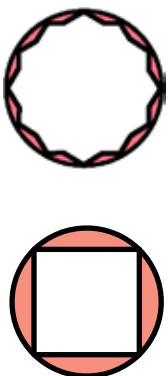
Wie dünn kann die Wand-stärke sein? Die absolute Begrenzung ist der umschreibende Kreis.

Die Schlüsselweite mit 1,155 oder den Vierkant mit 1,414 multiplizieren um den umschreibenden Kreis zu errechnen.

Somit würde eine Stecknuss mit Schlüsselweite 19 mm und Aussendurchmesser 24 mm eine Wandstärke von nur 1 mm haben.



		Part No	D mm	d mm	L mm	t mm	T mm	 kg
10		T4-D6K10	15,5	22,5	38	7	20	0,05
11		T4-D6K11	16,7	22,5	38	7	20	0,05
12		T4-D6K12	18	22,5	38	8	20	0,05
13		T4-D6K13	19,2	22,5	38	8	20	0,05
14		T4-D6K14	20,5	22,5	38	10	20	0,06
15		T4-D6K15	21,7	22,5	38	10	20	0,06
16		T4-D6K16	23	23	38	10	20	0,06
17		T4-D6K17	24,2	24,2	38	10	20	0,07
18		T4-D6K18	25,5	25,5	38	11	20	0,08
19		T4-D6K19=3/4	26,7	26,7	38	11	20	0,09
20		T4-D6K20	27,9	27,9	38	12	20	0,10
21		T4-D6K21	29,2	29,2	38	12	20	0,11
22		T4-D6K22	30,5	30,5	38	12	20	0,13
23		T4-D6K23	31,8	31,8	38	13	20	0,13
24		T4-D6K24	33	30	40	14	21	0,13
25		T4-D6K25	34,1	30	40	14	21	0,14
26		T4-D6K26	35	30	40	15	21	0,14
27		T4-D6K27=1 1/16	36,7	30	45	16	25	0,16
30		T4-D6K30=1 3/16	40,5	32	50	17	30	0,21
32		T4-D6K32	43	32	50	19	30	0,23



Tunnväggiga krafthylsor har små ytterdiametrar liknande förkromade standardhylsor.

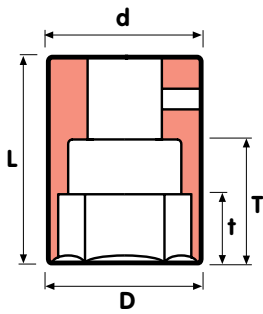
De tål därför inte lika stora påfrestningar som normala krafthylsor och bör bara användas när utrymmet är begränsat.

Thin wall power sockets have small outside diameters like hand tool sockets.

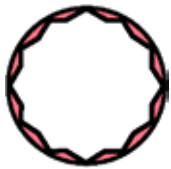
They cannot be expected to stand up to the same high loads as normal impact sockets and should only be used when limited clearance is a factor.

Dünnwandige Kraftsteckschlüsseleinsätze haben kleine Aussendurchmesser ähnlich verchromten Standardsteckschlüsseln.

Es kann nicht erwartet werden, dass sie die gleiche hohe Belastung wie normale Kraftsteckschlüssel aushalten. Sie sollten nur bei Platzmangel eingesetzt werden.



Part No	D mm	d mm	L mm	t mm	T mm	kg
10 T4-D6K10L	15,5	25	82	7	64	0,11
11 T4-D6K11L	16,7	25	82	7	64	0,11
12 T4-D6K12L	18	25	82	8	64	0,11
13 T4-D6K13L	19,2	25	82	8	64	0,11
14 T4-D6K14L	20,5	25	82	10	64	0,12
15 T4-D6K15L	21,7	30	82	10	64	0,13
16 T4-D6K16L	23	30	82	10	64	0,14
17 T4-D6K17L	24,2	30	82	10	64	0,15
18 T4-D6K18L	25,5	30	82	11	64	0,17
19 T4-D6K19=3/4L	26,7	30	82	11	64	0,20
21 T4-D6K21L	29,2	30	82	12	64	0,23
22 T4-D6K22L	30,5	30	82	12	63	0,25
24 T4-D6K24L	33	30	82	14	63	0,27



Hur tunna väggar kan en hylsa ha? Den absoluta gränsen är fyr- eller sex-kantens omskrivande cirkel.

Multipluera nyckelvidden med 1,155 eller fyrkanten med 1,414 för att få den omskrivande cirkeln.

En hylsa med nyckelvidd 19 mm och ytterdiameter 24 mm skulle få en vägg-tjocklek över hörn på 1 mm. Det är inte mycket!

How thin can the walls be? The absolute limit is the circle circumscribing the square or the hexagon.

Multiply the A/F size by 1,155 or the internal square by 1,414 to get the circumscribing circle.

A socket with 19 mm across flats and an outside diameter of 24 mm would have 1 mm thick walls. That is not much!

Wie dünn kann die Wandstärke sein? Die absolute Begrenzung ist der umschreibende Kreis.

Die Schlüsselweite mit 1,155 oder den Vierkant mit 1,414 multiplizieren um den umschreibenden Kreis zu errechnen.

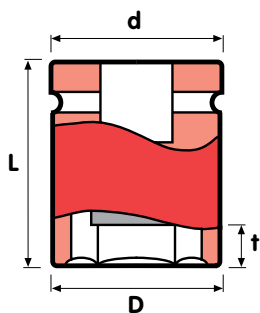
Somit würde eine Stecknuss mit Schlüsselweite 19 mm und Aussendurchmesser 24 mm eine Wandstärke von nur 1 mm haben.



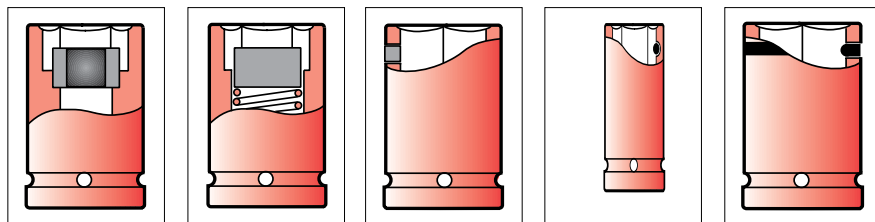
Magnetiska krafthylsor

Magnetic impact sockets

Magnetische Kraftsteckschlüssel-Einsätze



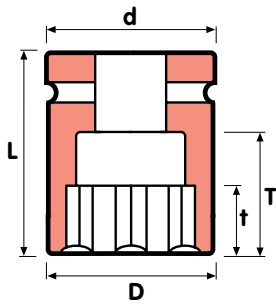
Part No	D mm	d mm	L mm	t mm	T mm	kg
10 4-10M	17	25	38	5		0,09
12 4-12M	19,7	25	38	5		0,09
13 4-13M	21	25	38	5		0,10
14 4-14M	22,5	25	38	7		0,10
15 4-15M	23,5	30	38	7		0,15
16 4-16M	24,5	30	38	7		0,15
17 4-17M	26	30	38	8		0,15
18 4-18M	27,5	30	38	8		0,15
19 4-19=3/4M	29	30	38	8		0,15
21 4-21M	31	30	38	9		0,16
22 4-22M	32,5	30	38	9		0,17
24 4-24M	35	30	40	12		0,17



Surface drive krafthylsor

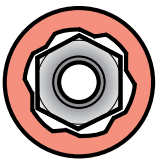
Surface drive impact sockets

Surface drive Kraftsteckschlüssel-Einsätze



Part No	D mm	d mm	L mm	t mm	T mm	kg	
8	4-SF8	14,5	25	38	5	20	0,09
10	4-SF10	17	25	38	7	20	0,08
11	4-SF11	18,5	25	38	7	20	0,08
12	4-SF12	19,7	25	38	8	20	0,08
13	4-SF13	21	25	38	8	20	0,08
14	4-SF14	22,5	25	38	10	20	0,08
15	4-SF15	23,5	30	38	10	20	0,16
16	4-SF16	24,5	30	38	10	20	0,13
17	4-SF17	26	30	38	10	20	0,13
18	4-SF18	27,5	30	38	11	20	0,13
19	4-SF19=3/4	29	30	38	11	20	0,13
20	4-SF20	30	30	38	12	20	0,12
21	4-SF21	31	30	38	12	20	0,13
22	4-SF22	32,5	30	38	12	20	0,14
24	4-SF24	35	30	40	14	21	0,16
27	4-SF27=1 1/16	38,5	30	45	16	25	0,21

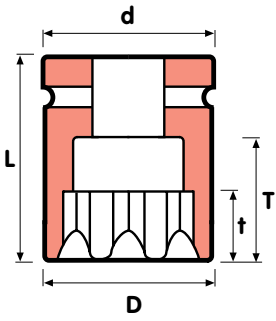
8	4-SF8L	14,5	25	82	5	64	0,14
10	4-SF10L	17	25	82	7	64	0,14
11	4-SF11L	18,5	25	82	7	64	0,16
12	4-SF12L	19,7	25	82	8	64	0,16
13	4-SF13L	21	25	82	8	64	0,18
14	4-SF14L	22,5	25	82	10	64	0,19
15	4-SF15L	23,5	30	82	10	64	0,23
16	4-SF16L	24,5	30	82	10	64	0,22
17	4-SF17L	26	30	82	10	64	0,24
18	4-SF18L	27,5	30	82	11	64	0,26
19	4-SF19=3/4L	29	30	82	11	64	0,29
21	4-SF21L	31	30	82	12	64	0,31
22	4-SF22L	32,5	30	82	12	63	0,30
24	4-SF24L	35	30	82	14	63	0,35
25	4-SF25L	37	30	82	14	63	0,36
26	4-SF26L	38	30	82	15	63	0,35
27	4-SF27=1 1/16L	38,5	30	82	16	63	0,39





TORX krafthylsor

TORX impact sockets

TORX Kraftsteckschlüssel-Einsätze

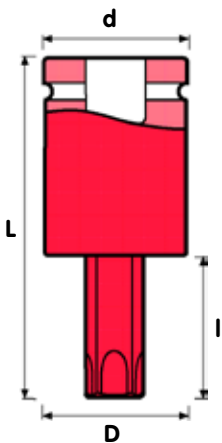




	Part No	D mm	d mm	L mm	t mm	T mm	 kg
E10	4-E10	14,5	25	38	7	22	0,07
E12	4-E12	16,5	25	38	8,5	22	0,08
E14	4-E14	18,5	25	38	9,5	22	0,09
E16	4-E16	20,5	25	38	10,5	22	0,08
E18	4-E18	22,5	25	38	12	22	0,08
E20	4-E20	24,5	30	38	13,2	22	0,13
E24	4-E24	30	30	45	15	29	0,17

Utvändiga TORX hylsor

External TORX sockets

Aussen-TORX Steckschlüssel-Einsätze







	Part No	D mm	d mm	L mm	t mm	T mm	 kg
T20	4-T20	11	23	53	38		0,07
T25	4-T25	11	23	53	38		0,05
T27	4-T27	11	23	53	38		0,07
T30	4-T30	11	23	53	38		0,04
T40	4-T40	11	23	53	38		0,05
T45	4-T45	13	24	58	38		0,08
T50	4-T50	13	24	58	38		0,08
T55	4-T55	13	24	58	38		0,09

Fyrkant krafthylsor

4-point impact sockets

Vierkant Kraftsteckschlüssel-Einsätze

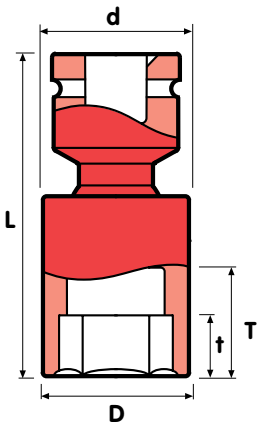
	Part No	D mm	d mm	L mm	t mm	T mm	 kg
5	4-4K5	11	25	38	5	20	0,07
7	4-4K7	13,5	25	38	7	20	0,07
8	4-4K8	16	25	38	8	20	0,08
9	4-4K9	17,5	25	38	9	20	0,08
10	4-4K10	19,5	25	38	10	20	0,08
11	4-4K11	21	25	38	11	20	0,09
12	4-4K12	22,5	25	38	12	20	0,12
13	4-4K13	29,5	25	50	17	32	0,12
14	4-4K14	30	25	50	14	32	0,19
15	4-4K15	30,5	30	50	15	32	0,15
16	4-4K16	30,5	30	50	16	32	0,15
17	4-4K17	31,5	30	50	17	32	0,21
18	4-4K18	32,5	30	50	18	32	0,16
19	4-4K19=3/4	35	30	50	19	32	0,24
20	4-4K20	36,5	30	50	20	32	0,23
21	4-4K21	38	30	50	21	32	0,26
22	4-4K22	40,5	30	50	22	32	0,29
24	4-4K24	42,5	30	50	22	32	0,30
25	4-4K25	44	40	60	22	42	0,48
27	4-4K27=1 1/16	49	40	60	24	41	0,56
30	4-4K30=1 3/16	54	40	60	25	41	0,64
31	4-4K31	56	40	60	25	41	0,64
38	4-4K38=1 1/2	67	40	60	26	39	0,86



	Part No	D mm	d mm	L mm	t mm	T mm	 kg
5/16	4-4K5/16	16	25	38	8	20	0,08
3/8	4-4K3/8	19,5	25	38	10	20	0,09
1/2	4-4K1/2	29,5	25	50	17	32	0,19
9/16	4-4K9/16	30	25	50	14	32	0,12
5/8	4-4K5/8	30,5	30	50	16	32	0,21
3/4	4-4K19=3/4	35	30	50	19	32	0,24
1	4-4K1	44	40	60	22	42	0,50
1 1/8	4-4K1 1/8	51	40	60	25	41	0,26

Kulledshylsor

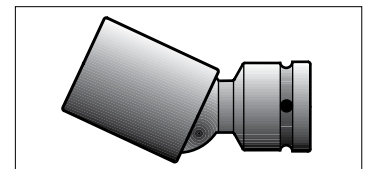
Universal sockets

Gelenk-Steckschlüssel-Einsätze



		Part No	D mm	d mm	L mm	t mm	T mm	 kg
13		US4-13	19	25	68	8	18	0,15
14		US4-14	21	25	68	10	18	0,15
15		US4-15	22	25	68	10	18	0,16
16		US4-16	24	25	68	10	18	0,16
17		US4-17	25	26	65,5	10	15	0,18
18		US4-18	26	26	65,5	11	15	0,18
19		US4-19	27	26	65,5	11	15	0,18
21		US4-21	30	26	67,5	12	15	0,18
22		US4-22	31	26	67,5	12	15	0,19
24		US4-24	33	26	69,5	14	15	0,23

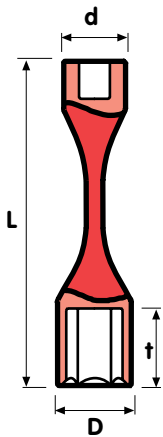
11		US4-11L	17	25	150	7	18	0,25
12		US4-12L	18	25	150	8	18	0,25
13		US4-13L	19	29	150	8	18	0,27
14		US4-14L	21	29	150	10	18	0,26
15		US4-15L	22	29	150	10	18	0,27
16		US4-16L	24	29	150	10	18	0,27
17		US4-17L	25	29	147,55	10	15	0,34
18		US4-18L	26	29	147,6	11	15	0,35
19		US4-19L	27	29	147,6	11	15	0,34
21		US4-21L	30	29	149,55	12	15	0,35
22		US4-22L	31	29	149,6	12	15	0,35
24		US4-24L	33	29	156,05	14	15	0,37











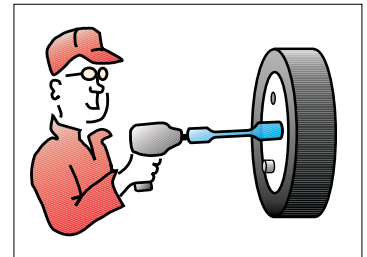
Momenthylsor

Torque sockets

Drehmoment-Steckschlüssel



	Part No	D mm	d mm	L mm	t mm	Färg Colour Farbe	 kg
17	4-17-75NMC	26,5	27	220	25		0,27
17	4-17-95NMC	26,5	27	220	25		0,28
17	4-17-110NMC	26,5	27	220	25		0,29
17	4-17-120NMC	26,5	27	220	25		0,29
19	4-19-75NMC	29	27	220	25		0,28
19	4-19-90NMC	29	27	220	25		0,28
19	4-19-110NMC	29,5	27	220	25		0,31
19	4-19-120NMC	29,5	27	220	25		0,36
19	4-19-140NMC	31	27	220	25		0,33
19	4-19-170NMC	31	27	220	25		0,39
21	4-21-80NMC	31	27	220	25		0,32
21	4-21-110NMC	31	27	220	25		0,32



Momenthylsorna är konstruerade för åtdragning av bilhjul med slående mutterdragare. Den långa och smala midjan dämpar överskottskraften i mutterdragaren.

Det faktiska åtdragningsmomentet beror på mutterdragarens kondition och lufttrycket. Kontrollera därför regelbundet med momentnyckel.

Torque sockets are designed for tightening wheel nuts using an impact wrench. The long and narrow waistline absorbs the excess power of the impact wrench.

The actual torque depends on the condition of the impact wrench and the pneumatic equipment. Regularly check by means of a torque wrench.

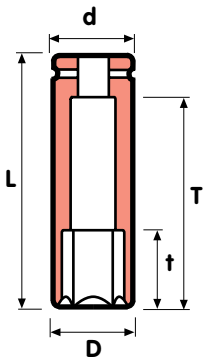
Drehmoment-Steckschlüssel sind für das Festziehen von Radmutter mit Schlagschraubern konstruiert. Das dünne Mittelteil verhindert überschüssiges Drehmoment des Schlagschraubers.



Das tatsächliche Drehmoment hängt von der Leistung des Schlagschraubers ab. Regelmässige Kontrollen mit Drehmoment-Schlüsseln sind empfehlenswert.

Extra djupa krafthylsor

Extra deep impact sockets

Tiefe Kraftsteckschlüssel-Einsätze

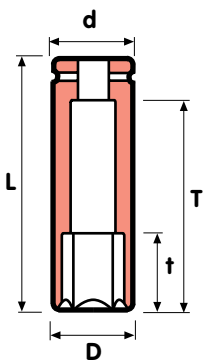




	Part No	D mm	d mm	L mm	t mm	T mm	 kg
17	4-17LD	26	30	82	25	64	0,24
19	4-19LD	29	30	82	25	64	0,29
21	4-21LD	31	30	82	25	64	0,26
22	4-22LD	32,5	30	82	25	64	0,26

Extra djupa krafthylsor med roterande kompositskydd

Extra deep impact sockets with rotating composite cover

Tiefe Kraftsteckschlüssel-Einsätze mit rotierendem Schutz aus Komposit-Kunststoff



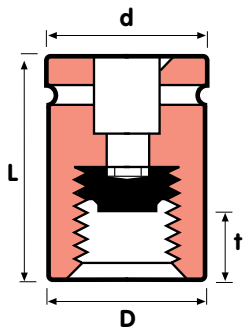
	Part No	D mm	d mm	L mm	t mm	T mm	 kg
17	4-17LDRP	27	30	82	25	64	0,24
19	4-19LDRP	30	30	82	25	64	0,29
21	4-21LDRP	32	30	82	25	64	0,26
22	4-22LDRP	33,5	30	82	25	64	0,26



Pinnbultshylsor

Stud runner sockets

Stehbolzensteckschlüssel-Einsätze



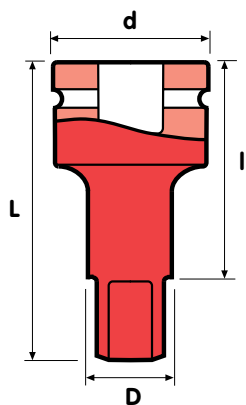
			Stigning Pitch Steigung	D mm	d mm	L mm	t mm	kg
M6	4-M6	1	14	25	65	8	0,10	
M8	4-M8	1,25	19	25	65	12	0,13	
M10	4-M10	1,5	22	25	65	14	0,14	
M12	4-M12	1,75	24	25	65	16	0,18	
M14	4-M14	2	24	25	65	18	0,19	
M16	4-M16	2	24	25	65	20	0,17	
M18	4-M18	2,5	30	30	82	20	0,35	
M20	4-M20	2,5	30	30	82	25	0,31	
M22	4-M22	2,5	32	30	82	25	0,35	
M24	4-M24	3	34	30	82	25	0,38	
M27	4-M27	3	40	40	100	28	0,74	
M30	4-M30	3,5	43	40	100	30	0,85	
M33	4-M33	3,5	47	40	100	40		
M36	4-M36	4	50	40	100	40	1,03	
M39	4-M39	4	54	40	100	40		
M42	4-M42	4,5	58	40	100	40	1,35	

1/4" - 20 UNC	4-UNC1/4	14	25	65	8	0,10
5/16" - 18 UNC	4-UNC5/16	19	25	65	12	0,13
3/8" - 16 UNC	4-UNC3/8	22	25	65	14	0,17
7/16" - 14 UNC	4-UNC7/16	22	25	65	16	0,19
1/2" - 13 UNC	4-UNC1/2	24	25	65	16	0,19
9/16" - 12 UNC	4-UNC9/16	24	25	65	18	0,17
5/8" - 11 UNC	4-UNC5/8	24	25	65	20	0,17
3/4" - 10 UNC	4-UNC3/4	30	30	82	22	0,32
7/8" - 9 UNC	4-UNC7/8	32	30	82	25	0,37
1" - 8 UNC	4-UNC1	40	40	100	25	0,78
1 1/8" - 7 UNC	4-UNC1 1/8	41	40	100	30	0,77
1 1/4" - 7 UNC	4-UNC1 1/4	45	40	100	35	0,89
1 1/2" - 6 UNC	4-UNC1 1/2	53	40	100	40	1,15

Förlängningar

Extensions

Verlängerungen

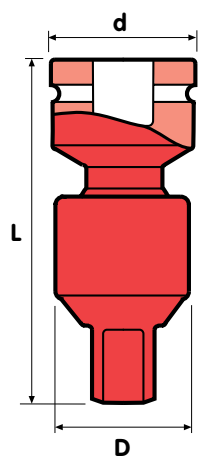


□	■	Part No	Model	D mm	d mm	L mm	l mm	kg
1/2	1/2	EB44-2	A	16,6	29	51	35,5	0,15
1/2	1/2	EB44-3	A	16,6	29	76	60,5	0,20
1/2	1/2	EB44-4	A	16,6	29	102	86,5	0,24
1/2	1/2	EB44-5	A	16,6	29	127	111,5	0,27
1/2	1/2	EB44-6	A	16,6	29	152	136,5	0,32
1/2	1/2	EB44-10	A	16,6	29	254	238,5	0,50
1/2	1/2	EB44-12	A	16,6	29	305	289,5	0,50

Universalknutar

Universal joints

Kugelgelenke

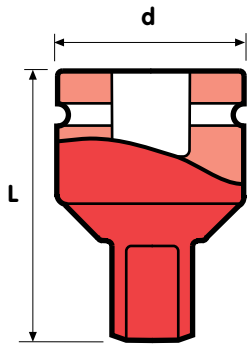


□	■	Part No	Model	D mm	d mm	L mm	l mm	kg
1/2	1/2	UK44	A	28	26	76		0,20

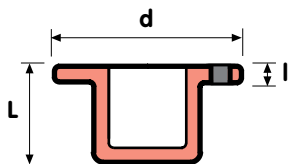
Övergångar

Adapters

Reduzierstücke



□	■	Part No	Model	d mm	L mm	kg
1/2	3/8	PA41	A	25	35	0,06
1/2	5/8	PA48	A	29	43	0,13
1/2	3/4	PA42	B	29	43	0,13





□	■	Part No	d mm	L mm	kg
1/2	3/4	IPA42	44	28	0,11

Krafthylssats


Impact socket sets

Kraftsteckschlüssel - Sätze





	Part No	L mm	W mm	H mm	 kg
	PSS441	275	225	65	2,64
	Innehåll / Content / Inhalt				
	4-1	4-14	4-18	4-24	
	4-11	4-15	4-19=3/4	4-27=1 1/16	
	4-12	4-16	4-21	4-30=1 3/16	
	4-13	4-17	4-22	EB44-5	




Part No	L mm	W mm	H mm	 kg
PSS441UK	275	225	65	2,64
Innehåll / Content / Inhalt				
4-10	4-14	4-18	4-24	
4-11	4-15	4-19=3/4	4-27=1 1/16	
4-12	4-16	4-21	4-30=1 3/16	
4-13	4-17	4-22	EB44-5	
UK44				



	Part No	L mm	W mm	H mm	 kg
	TPSS441	275	225	65	2,49
	Innehåll / Content / Inhalt				
	T4-8	T4-13	T4-18	T4-23	
	T4-9	T4-14	T4-19=3/4	T4-24	
	T4-10	T4-15	T4-20	T4-27=1 1/16	
	T4-11	T4-16	T4-21	T4-30=1 3/16	
	T4-12	T4-17	T4-22	EB44-5	



Part No	L mm	W mm	H mm	 kg
LPSS441	275	225	65	2,64
Innehåll / Content / Inhalt				
4-10L	4-14L	4-17L	4-21L	
4-13L	4-15L	4-19L	4-24L	

Krafthylssats

Impact socket sets

Kraftsteckschlüssel - Sätze

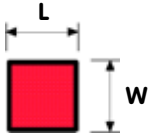


Part No	L mm	W mm	H mm	kg
LTPSS441	275	225	65	2,64
Innehåll / Contents / Inhalt				
T4-10L	T4-14L	T4-17L	T4-21L	
T4-13L	T4-15L	T4-19L	T4-24L	

Sätser

Sets

Sätze



Part No	L mm	W mm	H mm	kg
LDS:1	95	95	45	0,86
Innehåll / Contents / Inhalt				
4-17LD	4-19LD	4-21LD		

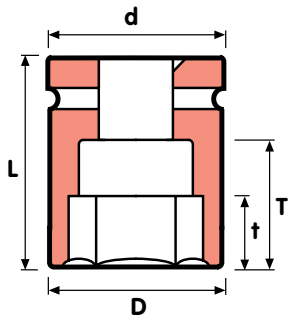
Part No	L mm	W mm	H mm	kg
LDSRP:1	95	95	45	0,86
Innehåll / Contents / Inhalt				
4-17LDRP	4-19LDRP	4-21LDRP		



Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

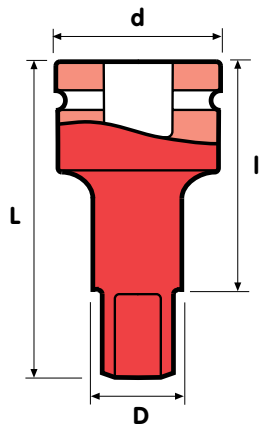


Part No	D mm	d mm	L mm	t mm	T mm	kg	
14	8-14	24	35	38	10	20	0,18
16	8-16	26	35	38	10	20	0,17
17	8-17	28	35	38	10	20	0,17
18	8-18	29	35	38	11	20	0,17
19	8-19=3/4	30	35	38	11	20	0,17
21	8-21	33	35	38	12	20	0,18
22	8-22	34	35	38	12	20	0,18
24	8-24	37	35	40	14	21	0,19
27	8-27=1 1/16	41	35	45	16	25	0,22
28	8-28	42	35	45	16	25	0,25
30	8-30=1 3/16	45	35	50	17	30	0,30
32	8-32	48	35	50	19	30	0,32
35	8-35=1 3/8	51	35	50	20	30	0,43
36	8-36	52	35	50	20	30	0,45

Förlängningar

Extensions

Verlängerungen

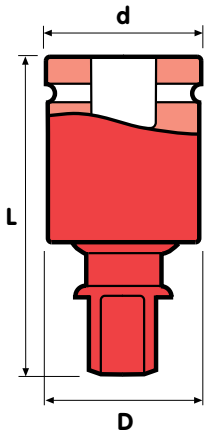


Part No	Model	D mm	d mm	L mm	l mm	kg		
5/8	5/8	EB88-6	A	20,7	35	152	135,7	0,50
5/8	5/8	EB88-10	A	20,7	35	254	237,7	0,80

Universalknutar

Universal joints

Kugelgelenke

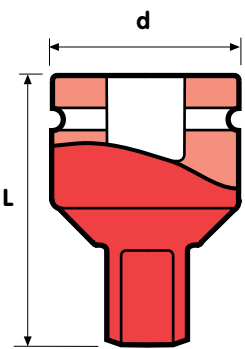


□	■	Part No	Model	D mm	d mm	L mm	kg
5/8	5/8	UK88	A	38	35	70	0,31

Övergångar

Adapters

Reduzierstücke

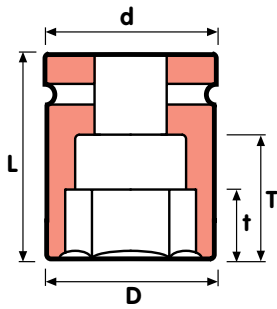




□	■	Part No	Model	d mm	L mm	kg
5/8	1/2	PA84	A	35	49	0,18
5/8	3/4	PA82	B	35	54	0,23

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

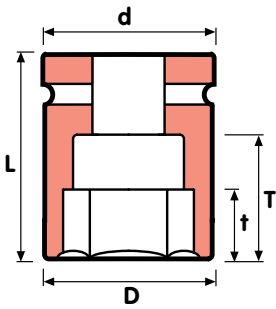




	 Part No	D mm	d mm	L mm	t mm	T mm	 kg
12	2-12	23	44	50	8	26	0,33
13	2-13	24	44	50	8	26	0,34
14	2-14	26	44	50	10	26	0,34
15	2-15	26	44	50	10	26	0,35
16	2-16	27	44	50	10	24	0,34
17	2-17	30	44	50	10	24	0,34
18	2-18	31	44	50	11	24	0,35
19	2-19=3/4	32	44	50	11	24	0,38
20	2-20	33	44	50	12	24	0,38
21	2-21	35	44	50	12	24	0,39
22	2-22	35	44	50	12	24	0,38
23	2-23	38	44	50	13	24	0,39
24	2-24	38,5	44	50	14	24	0,38
25	2-25	39	44	50	14	25	0,38
26	2-26	41	44	54	15	29	0,41
27	2-27=1 1/16	42	44	54	16	29	0,41
28	2-28	44	44	54	16	29	0,42
29	2-29	44	44	54	17	29	0,42
30	2-30=1 3/16	46	44	54	17	29	0,43
31	2-31	47	44	54	17	28	0,47
32	2-32	48,5	44	56	19	30	0,48
33	2-33	51	44	56	19	30	0,51
34	2-34	52	44	56	20	30	0,52
35	2-35=1 3/8	53	44	56	20	30	0,52
36	2-36	54	44	56	20	30	0,55
37	2-37	56	44	58	21	32	0,60
38	2-38=1 1/2	57	44	58	21	32	0,62
39	2-39	58	44	58	22	30	0,61
40	2-40	59	44	58	22	30	0,63
41	2-41	61	44	63	23	34	0,68
42	2-42	62	44	63	23	34	0,75
43	2-43=1 11/16	64	44	63	24	34	0,78
44	2-44	65	44	63	24	34	0,79
45	2-45	66	44	63	25	34	1,03
46	2-46=1 13/16	67	44	63	25	34	0,85
47	2-47	68,5	44	70	26	38	0,94
48	2-48	69	44	70	26	46	0,92
49	2-49	70	44	70	28	46	0,93
50	2-50	70	44	70	28	38	0,96
51	2-51	71	44	70	30	46	0,99
52	2-52	72	44	70	30	46	1,12
55	2-55	76	44	70	30	38	1,07

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

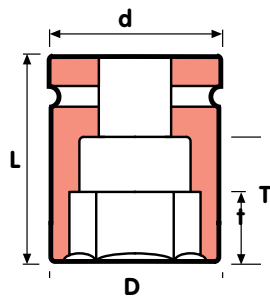


	Part No	D mm	d mm	L mm	t mm	T mm	 kg
56	2-56	78	44	80	30	56	1,08
57	2-57	80	44	80	30	54	1,39
58	2-58	81	44	80	30	53	1,35
60	2-60	83	44	80	35	50	1,36
65	2-65=2 9/16	88	44	80	35	50	1,44
67	2-67	90	44	80	40	51	1,47
70	2-70=2 3/4	95	44	80	40	50	1,77
75	2-75	100	44	80	40	48	1,72
80	2-80	106	44	80	40	47	1,82
82	2-82	108	44	80	40	46	1,89
85	2-85	112	44	80	40	46	2,11
88	2-88	114	44	80	40	45	1,82
95	2-95=3 3/4	124	44	80	40	43	2,32
12	2-12L	25	44	100	8	76	0,65
13	2-13L	25	44	100	8	76	0,65
14	2-14L	27	44	100	10	76	0,37
15	2-15L	27	44	100	10	76	0,56
16	2-16L	28	44	100	10	74	0,52
17	2-17L	31	44	100	10	74	0,60
18	2-18L	32	44	100	11	74	0,64
19	2-19=3/4L	33	44	100	11	74	0,61
20	2-20L	34	44	100	12	74	0,65
21	2-21L	36	44	100	12	74	0,70
22	2-22L	36	44	100	12	74	0,70
23	2-23L	39	44	100	13	74	0,72
24	2-24L	39,5	44	100	14	74	0,72
25	2-25L	40	44	100	14	75	0,57
26	2-26L	42	44	100	15	74	0,73
27	2-27=1 1/16L	43	44	100	16	74	0,75
28	2-28L	44	44	100	16	74	0,77
29	2-29L	44	44	100	17	74	0,73
30	2-30=1 3/16L	46	44	100	17	74	0,83
31	2-31L	47	44	100	17	74	0,84
32	2-32L	48,5	44	100	19	74	0,89
33	2-33L	51	44	100	19	74	0,99
34	2-34L	52	44	100	20	74	1,00
35	2-35=1 3/8L	53	44	100	20	74	1,00
36	2-36L	54	44	100	20	74	1,04
37	2-37L	56	44	100	21	74	1,12
38	2-38=1 1/2L	57	44	100	21	72	1,18
40	2-40L	59	44	100	22	72	1,28

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze



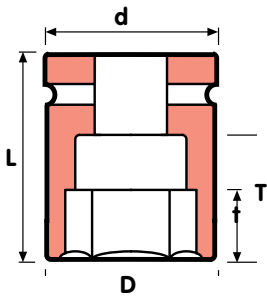
Part No	D mm	d mm	L mm	t mm	T mm	kg	
41	2-41L	61	44	100	23	72	1,27
42	2-42L	62	44	100	23	72	1,23
43	2-43=1 11/16L	64	44	100	24	72	1,35
44	2-44L	65	44	100	24	71	1,35
45	2-45L	66	44	100	25	71	1,35
46	2-46=1 13/16L	67	44	100	25	72	1,50
47	2-47L	68,5	44	100	26	76	1,46
48	2-48L	69	44	100	26	76	1,61
50	2-50L	70	44	100	28	72	1,34
51	2-51L	71	44	100	30	76	1,40
52	2-52L	72	44	100	30	76	1,84
55	2-55L	76	44	100	30	72	1,53
56	2-56L	78	44	100	30	76	1,65
60	2-60L	83	44	125	35	98	2,27
65	2-65=2 9/16L	88	44	125	35	96	2,39
70	2-70=2 3/4L	95	44	125	40	95	2,77
75	2-75L	100	44	125	40	93	
95	2-95=3 3/4L	124	44	125	40	88	4,07



Part No	D mm	d mm	L mm	t mm	T mm	kg	
1/2	2-1/2	24	44	50	8	26	0,32
9/16	2-9/16	26	44	50	10	26	0,27
5/8	2-5/8	27	44	50	10	24	0,34
11/16	2-11/16	30	44	50	10	24	0,34
3/4	2-19=3/4	32	44	50	11	24	0,38
13/16	2-13/16	35	44	50	12	24	0,40
7/8	2-7/8	35	44	50	12	24	0,38
15/16	2-15/16	38,5	44	50	14	24	0,39
1	2-1	39	44	50	14	24	0,40
1 1/16	2-27=1 1/16	42	44	54	16	29	0,41
1 1/8	2-1 1/8	44	44	54	16	29	0,42
1 3/16	2-30=1 3/16	46	44	54	17	29	0,43
1 1/4	2-1 1/4	48,5	44	56	19	30	0,48
1 5/16	2-1 5/16	51	44	56	19	30	0,52
1 3/8	2-35=1 3/8	53	44	56	20	30	0,52
1 7/16	2-1 7/16	56	44	58	21	32	0,58
1 1/2	2-38=1 1/2	57	44	58	21	32	0,62
1 9/16	2-1 9/16	59	44	58	22	32	0,65
1 5/8	2-1 5/8	61	44	63	23	34	0,68

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze



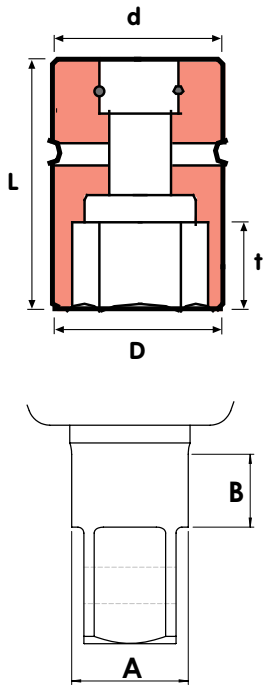
	Part No	D mm	d mm	L mm	t mm	T mm		kg
1 11/16	2-43=1 11/16	64	44	63	24	34		0,78
1 3/4	2-1 3/4	65	44	63	24	34		0,80
1 13/16	2-46=1 13/16	67	44	63	25	34		0,85
1 7/8	2-1 7/8	69	44	70	26	38		0,95
1 15/16	2-1 15/16	70	44	70	28	46		1,15
2	2-2	71	44	70	30	38		0,99
2 1/16	2-2 1/16	72	44	70	30	46		0,92
2 1/8	2-2 1/8	74	44	70	30	46		0,95
2 3/16	2-2 3/16	78	44	80	30	56		1,34
2 1/4	2-2 1/4	80	44	80	30	54		1,32
2 5/16	2-2 5/16	81	44	80	30	53		1,43
2 3/8	2-2 3/8	83	44	80	35	53		1,43
2 1/2	2-2 1/2	86	44	80	35	52		1,41
2 9/16	2-65=2 9/16	88	44	80	35	51		1,44
2 3/4	2-70=2 3/4	95	44	80	40	50		1,77
3 3/4	2-95=3 3/4	124	44	80	40	43		2,32

5/8	2-5/8L	28	44	100	10	74		0,63
11/16	2-11/16L	31	44	100	10	74		0,60
3/4	2-19=3/4L	33	44	100	11	74		0,61
13/16	2-13/16L	36	44	100	12	74		0,68
7/8	2-7/8L	36	44	100	12	74		0,70
15/16	2-15/16L	39,5	44	100	14	74		0,72
1	2-1L	40	44	100	14	74		0,68
1 1/16	2-27=1 1/16L	43	44	100	16	74		0,75
1 1/8	2-1 1/8L	44	44	100	16	74		0,77
1 3/16	2-30=1 3/16L	46	44	100	17	74		0,83
1 1/4	2-1 1/4L	48,5	44	100	19	74		0,85
1 5/16	2-1 5/16L	51	44	100	19	74		1,00
1 3/8	2-35=1 3/8L	53	44	100	20	74		1,00
1 7/16	2-1 7/16L	56	44	100	21	74		1,12
1 1/2	2-38=1 1/2L	57	44	100	21	72		1,18
1 9/16	2-1 9/16L	59	44	100	22	72		1,22
1 5/8	2-1 5/8L	61	44	100	23	72		1,27
1 11/16	2-43=1 11/16L	64	44	100	24	72		1,35
1 3/4	2-1 3/4L	65	44	100	24	71		1,51
1 13/16	2-46=1 13/16L	67	44	100	25	72		1,50
1 7/8	2-1 7/8L	69	44	100	26	72		1,50
2	2-2L	71	44	100	30	72		1,39
2 9/16	2-65=2 9/16L	88	44	125	35	96		2,39
2 3/4	2-70=2 3/4L	95	44	125	40	95		2,77
3 3/4	2-95=3 3/4L	124	44	125	40	88		4,07

True drive krafthylsor

True drive impact sockets

True drive Kraftsteckschlüssel-Einsätze

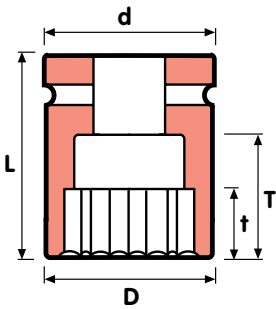




Part No	A	B (min)	D mm	d mm	L mm	t mm	kg
16 2-16TD25	25	11	27	44	62	10	0,34
17 2-17TD25	25	11	30	44	62	10	
18 2-18TD25	25	11	31	44	62	11	
19 2-19TD25	25	11	32	44	62	11	
20 2-20TD25	25	11	33	44	62	12	
21 2-21TD25	25	11	35	44	62	12	
22 2-22TD25	25	11	35	44	62	12	
23 2-23TD25	25	11	38	44	62	13	
24 2-24TD25	25	11	39	44	66	14	
26 2-26TD25	25	11	41	44	66	15	
27 2-27TD25	25	11	42	44	66	16	
28 2-28TD25	25	11	44	44	66	16	
29 2-29TD25	25	11	44	44	66	17	
30 2-30TD25	25	11	46	44	66	17	
32 2-32TD25	25	11	49	44	68	19	
33 2-33TD25	25	11	51	44	68	19	
34 2-34TD25	25	11	52	44	68	20	
34 2-35TD25	25	11	53	44	68	20	
36 2-36TD25	25	11	54	44	70	20	
37 2-37TD25	25	11	56	44	70	21	
38 2-38TD25	25	11	57	44	70	21	
41 2-41TD25	25	11	61	44	75	23	
42 2-42TD25	25	11	62	44	75	23	
43 2-43TD25	25	11	64	44	75	24	
46 2-46TD25	25	11	67	44	75	25	
47 2-47TD25	25	11	39	44	82	26	
50 2-50TD25	25	11	70	44	82	28	

Dubbel 6-kant krafthylsor

12-point impact sockets

12-Kant Kraftsteckschlüssel-Einsätze





		Part No	D mm	d mm	L mm	t mm	T mm	 kg
16		2-D6K16	27	44	50	10	24	0,36
17		2-D6K17	30	44	50	10	24	0,36
18		2-D6K18	31	44	50	11	24	0,36
19		2-D6K19=3/4	32	44	50	11	24	0,37
20		2-D6K20	33	44	50	12	24	0,36
21		2-D6K21	35	44	50	12	24	0,36
22		2-D6K22	35	44	50	12	24	0,38
23		2-D6K23	38	44	50	13	24	0,36
24		2-D6K24	38,5	44	50	14	24	0,38
26		2-D6K26	41	44	54	15	29	0,41
27		2-D6K27=1 1/16	42	44	54	16	29	0,41
28		2-D6K28	44	44	54	16	29	0,42
29		2-D6K29	44	44	54	17	29	0,42
30		2-D6K30=1 3/16	46	44	54	17	29	0,43
32		2-D6K32	48,5	44	56	19	30	0,48
33		2-D6K33	51	44	56	19	30	0,52
34		2-D6K34	52	44	56	20	30	0,36
35		2-D6K35=1 3/8	53	44	56	20	30	0,52
36		2-D6K36	54	44	56	20	30	0,55
37		2-D6K37	56	44	58	21	32	0,60
38		2-D6K38=1 1/2	57	44	58	21	32	0,61
41		2-D6K41	61	44	63	23	34	0,68
42		2-D6K42	62	44	63	23	34	0,75
43		2-D6K43=1 11/16	64	44	63	24	34	0,78
46		2-D6K46=1 13/16	67	44	63	25	34	0,84
47		2-D6K47	68,5	44	70	26	38	0,94
50		2-D6K50	70	44	70	28	38	1,00
55		2-D6K55	76	44	70	30	38	0,97
60		2-D6K60	83	44	80	35	50	1,32
65		2-D6K65=2 9/16	88	44	80	35	50	1,44

Dubbel 6-kant krafthylsor

12-point impact sockets

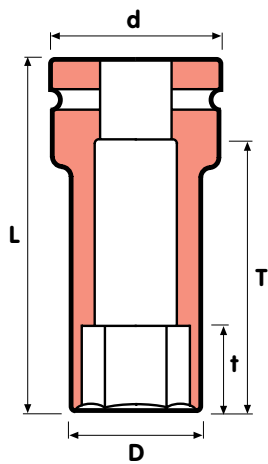
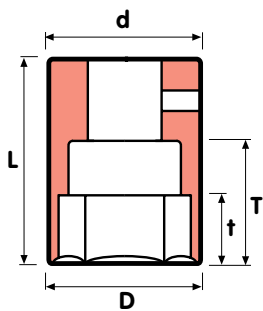
12-Kant Kraftsteckschlüssel-Einsätze

	Part No	D mm	d mm	L mm	t mm	T mm	 kg
5/8	2-D6K5/8	27	44	50	10	24	0,33
11/16	2-D6K11/16	30	44	50	10	24	0,36
3/4	2-D6K19=3/4	32	44	50	11	24	0,37
13/16	2-D6K13/16	35	44	50	12	24	0,37
7/8	2-D6K7/8	35	44	50	12	24	0,33
15/16	2-D6K15/16	38,5	44	50	14	24	0,37
1	2-D6K1	39	44	50	14	24	0,38
1 1/16	2-D6K27=1 1/16	42	44	54	16	29	0,41
1 1/8	2-D6K1 1/8	44	44	54	16	29	0,39
1 3/16	2-D6K30=1 3/16	46	44	54	17	29	0,43
1 1/4	2-D6K1 1/4	48,5	44	56	19	30	0,45
1 5/16	2-D6K1 5/16	51	44	56	19	30	0,50
1 3/8	2-D6K35=1 3/8	53	44	56	20	30	0,52
1 7/16	2-D6K1 7/16	56	44	58	21	32	0,58
1 1/2	2-D6K38=1 1/2	57	44	58	21	32	0,61
1 9/16	2-D6K1 9/16	59	44	58	22	32	0,65
1 5/8	2-D6K1 5/8	61	44	63	23	34	0,68
1 11/16	2-D6K43=1 11/16	64	44	63	24	34	0,78
1 3/4	2-D6K1 3/4	65	44	63	24	34	0,82
1 13/16	2-D6K46=1 13/16	67	44	63	25	34	0,84
1 7/8	2-D6K1 7/8	69	44	70	26	38	0,91
2	2-D6K2	71	44	70	30	38	0,94
2 9/16	2-D6K65=2 9/16	88	44	80	35	50	1,44

Tunnväggiga krafthylsor

Thin wall power sockets

Dünnwandige Kraftsteckschlüssel-Einsätze



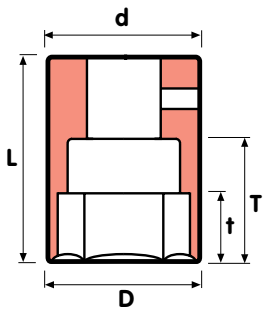
Part No	D mm	d mm	L mm	t mm	T mm	kg
14 T2-14	24	38	50	10	24	0,26
16 T2-16	26,5	38	50	10	24	0,22
17 T2-17	27,1	38	50	10	24	0,26
18 T2-18	28,3	38	50	11	24	0,22
19 T2-19=3/4	29,6	38	50	11	24	0,23
20 T2-20	30,8	38	50	12	24	0,30
21 T2-21	32,1	40	50	12	24	0,26
22 T2-22	33,3	40	50	12	24	0,31
23 T2-23	34,6	40	50	13	24	0,34
24 T2-24	35,8	40	50	14	24	0,36
25 T2-25	37,1	40	50	14	24	0,29
26 T2-26	38,5	40	54	15	29	0,38
27 T2-27=1 1/16	39,6	40	54	16	29	0,39
28 T2-28	40,8	44	54	16	29	0,40
30 T2-30=1 3/16	43,3	44	54	17	29	0,41
32 T2-32	45,8	44	56	19	30	0,44
33 T2-33	47,1	44	56	19	30	0,48
36 T2-36	50,8	44	56	20	30	0,52
38 T2-38=1 1/2	53,3	44	58	21	32	0,52
41 T2-41	57,1	44	63	23	34	0,65
46 T2-46=1 13/16	63,3	44	63	25	34	0,71
50 T2-50	68,3	44	70	28	38	0,93
55 T2-55	74,6	44	70	30	38	1,03
60 T2-60	80,8	44	80	35	50	1,25

17 T2-17L	27,1	44	100	10	74	0,56
18 T2-18L	28,3	44	100	11	74	0,52
19 T2-19=3/4L	29,6	44	100	11	74	0,54
20 T2-20L	30,8	44	100	12	74	0,56
21 T2-21L	32,1	44	100	12	74	0,56
22 T2-22L	33,3	44	100	12	74	0,58
23 T2-23L	34,6	44	100	13	74	0,59
24 T2-24L	35,8	44	100	14	74	0,61
26 T2-26L	38,5	44	100	15	74	0,62
27 T2-27=1 1/16L	39,6	44	100	16	74	0,67
28 T2-28L	40,8	44	100	16	74	0,70
30 T2-30=1 3/16L	43,3	44	100	17	74	0,74
32 T2-32L	45,8	44	100	19	74	0,80
33 T2-33L	47,5	44	100	19	74	0,87
36 T2-36L	50,8	44	100	20	74	0,97
41 T2-41L	57,1	44	100	23	72	1,14

Tunnväggiga krafthylsor

Thin wall power sockets

Dünnwandige Kraftsteckschlüssel-Einsätze



Part No	D mm	d mm	L mm	t mm	T mm	kg
3/4 T2-19=3/4	29,6	38	50	11	24	0,23
7/8 T2-7/8	33,6	40	50	12	24	0,27
1 1/16 T2-27=1 1/16	39,6	40	54	16	29	0,39
1 3/16 T2-30=1 3/16	43,3	43,3	54	17	29	0,41
1 1/4 T2-1 1/4	45,5	44	56	19	30	0,42
1 7/16 T2-1 7/16	51,5	44	58	21	32	0,52
1 1/2 T2-38=1 1/2	53,3	44	58	21	32	0,52
1 5/8 T2-1 5/8	57,5	44	63	23	34	0,52
1 13/16 T2-46=1 13/16	63,3	44	63	25	34	0,71
3/4 T2-19=3/4L	29,6	44	100	11	74	0,54
1 1/16 T2-27=1 1/16L	39,6	44	100	16	74	0,39
1 3/16 T2-30=1 3/16L	43,3	44	100	17	74	0,41

Tunnväggiga krafthylsor har små ytterdiametrar liknande förkromade standardhylsor.

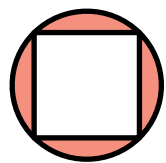
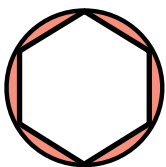
De tål därför inte lika stora påfrestningar som normala krafthylsor och bör bara användas när utrymmet är begränsat.

Thin wall power sockets have small outside diameters like hand tool sockets.

They cannot be expected to stand up to the same high loads as normal impact sockets and should only be used when limited clearance is a factor.

Dünnwandige Kraftsteckschlüsseleinsätze haben kleine Aussendurchmesser ähnlich verchromten Standardsteckschlüsseln.

Es kann nicht erwartet werden, dass sie die gleiche hohe Belastung wie normale Kraftsteckschlüssel aushalten. Sie sollten nur bei Platzmangel eingesetzt werden.



Hur tunna väggar kan en hylsa ha? Den absoluta gränsen är fyr- eller sex-kantens omskrivande cirkel.

Multipluera nyckelvidden med 1,155 eller fyrkanten med 1,414 för att få den omskrivande cirkeln.

En hylsa med nyckelvidd 19 mm och ytterdiameter 24 mm skulle få en vägg-tjocklek över hörn på 1 mm. Det är inte mycket!

How thin can the walls be? The absolute limit is the circle circumscribing the square or the hexagon.

Multiply the A/F size by 1,155 or the internal square by 1,414 to get the circumscribing circle.

A socket with 19 mm across flats and an outside diameter of 24 mm would have 1 mm thick walls. That is not much!

Wie dünn kann die Wandstärke sein? Die absolute Begrenzung ist der umschreibende Kreis.

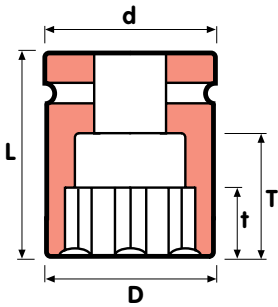
Die Schlüsselweite mit 1,155 oder den Vierkant mit 1,414 multiplizieren um den umschreibenden Kreis zu errechnen.



Somit würde eine Stecknuss mit Schlüsselweite 19 mm und Aussendurchmesser 24 mm eine Wandstärke von nur 1 mm haben.

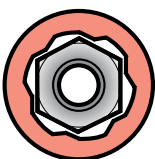
Surface drive krafthylsor

Surface drive impact sockets

Surface drive Kraftsteckschlüssel-Einsätze



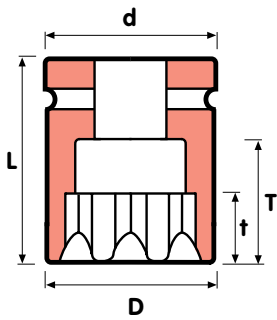
		Part No	D mm	d mm	L mm	t mm	T mm		kg
12		2-SF12	23	44	50	8	24		0,34
13		2-SF13	24	44	50	8	24		0,34
14		2-SF14	26	44	50	10	24		0,34
15		2-SF15	26	44	50	10	24		0,35
16		2-SF16	27	44	50	10	24		0,35
17		2-SF17	30	44	50	10	24		0,38
18		2-SF18	31	44	50	11	24		0,37
19		2-SF19=3/4	32	44	50	11	24		0,38
20		2-SF20	33	44	50	12	24		0,39
21		2-SF21	35	44	50	12	24		0,39
22		2-SF22	35	44	50	12	24		0,37
24		2-SF24	38,5	44	50	14	24		0,39
27		2-SF27=1 1/16	42	44	54	16	29		0,41
28		2-SF28	44	44	54	16	29		0,43
30		2-SF30=1 3/16	46	44	54	17	29		0,43
32		2-SF32	48,5	44	56	19	30		0,48
33		2-SF33	51	44	56	19	30		0,52
34		2-SF34	52	44	56	20	30		0,51
36		2-SF36	54	44	56	20	30		0,55
17		2-SF17L	31	44	100	10	75		0,60
18		2-SF18L	32	44	100	11	75		0,64
19		2-SF19=3/4L	33	44	100	11	75		0,66
21		2-SF21L	36	44	100	12	75		0,68
22		2-SF22L	36	44	100	12	75		0,66
24		2-SF24L	39,5	44	100	14	75		0,73
27		2-SF27=1 1/16L	43	44	100	16	75		0,78
30		2-SF30=1 3/16L	46	44	100	17	75		0,86



TORX krafthylsor

TORX impact sockets

TORX Kraftsteckschlüssel-Einsätze



Part No	D mm	d mm	L mm	t mm	T mm	kg
E14 2-E14	19	44	50	9	24	0,32
E16 2-E16	21	44	50	11	24	0,32
E18 2-E18	24	44	50	12	24	0,33
E20 2-E20	26	44	50	13	24	0,38
E24 2-E24	32	44	54	16	28	0,40

Fyrkant krafthylsor

4-point impact sockets



Vierkant Kraftsteckschlüssel-Einsätze



Part No	D mm	d mm	L mm	t mm	T mm	kg
13 2-4K13	25	44	60	13	35	0,27
16 2-4K16	32	44	60	16	35	0,40
17 2-4K17	35	44	60	17	35	0,40
18 2-4K18	36	44	60	18	35	0,42
19 2-4K19=3/4	38	44	60	19	35	0,43
20 2-4K20	40	44	60	20	35	0,46
21 2-4K21	42	44	60	20	35	0,48
22 2-4K22	44	44	60	20	35	0,50
23 2-4K23	46	44	60	22	34	0,51
24 2-4K24	47	44	60	22	35	0,55
25 2-4K25	51	44	60	22	34	0,55
26 2-4K26	51	44	60	22	34	0,55
27 2-4K27=1 1/16	52	44	60	22	33	0,55
28 2-4K28	53	44	60	22	33	0,64
30 2-4K30=1 3/16	56	44	65	25	37	0,73
32 2-4K32	58	44	65	25	37	0,76
33 2-4K33	60	44	65	25	37	0,82
34 2-4K34	61	44	70	30	41	0,88
35 2-4K35=1 3/8	62	44	70	30	41	0,89
36 2-4K36	63	44	70	30	41	0,92
38 2-4K38=1 1/2	67	44	70	30	40	1,00

Fyrkant krafthylsor

4-point impact sockets

Vierkant Kraftsteckschlüssel-Einsätze

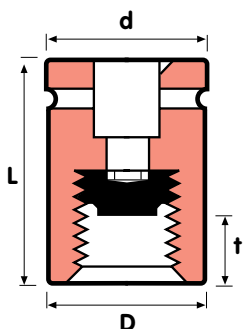
	Part No	D mm	d mm	L mm	t mm	T mm	 kg
39	2-4K39	68	44	70	30	40	1,06
40	2-4K40	69	44	70	30	40	1,04
45	2-4K45	76	44	70	30	38	1,17
46	2-4K46=1 13/16	77	44	70	30	38	1,23



	Part No	D mm	d mm	L mm	t mm	T mm	 kg
5/8	2-4K5/8	32	44	60	16	35	0,39
11/16	2-4K11/16	35	44	60	17	35	0,41
13/16	2-4K13/16	42	44	60	20	35	0,48
7/8	2-4K7/8	44	44	60	20	35	0,41
1	2-4K1	51	44	60	22	35	0,55

Pinnbultshylsor

Stud runner sockets

Stehbolzensteckschlüssel-Einsätze

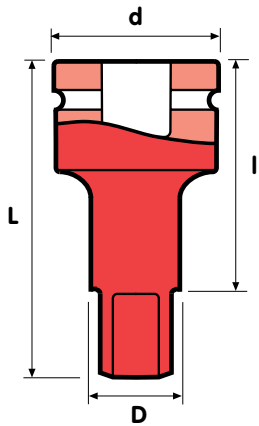


	Part No	Stigning Pitch Steigung	D mm	d mm	L mm	t mm	 kg
M14	2-M14	2	32	44	80	18	0,60
M16	2-M16	2	32	44	80	20	0,58
M18	2-M18	2,5	36	44	80	22	0,65
M20	2-M20	2,5	38	44	80	25	0,65
M22	2-M22	2,5	40	44	80	25	0,69
M24	2-M24	3	44	44	80	25	0,73
M27	2-M27	3	48	44	100	30	1,08
M30	2-M30	3,5	52	44	100	32	1,25
M33	2-M33	3,5	55	44	100	36	0,35
M36	2-M36	4	58	44	110	40	1,62
M39	2-M39	4	62	44	110	44	1,83
M42	2-M42	4,5	67	44	120	47	2,31
1/2" - 13 UNC	2-UNC1/2		30	44	80	16	0,57
5/8" - 11 UNC	2-UNC5/8		32	44	80	20	0,60
3/4" - 10 UNC	2-UNC3/4		38	44	80	22	0,66
7/8" - 9 UNC	2-UNC7/8		40	44	80	25	0,68
1" - 8 UNC	2-UNC1		44	44	100	30	0,94
1 1/8" - 7 UNC	2-UNC1 1/8		50	44	100	30	1,17
1 1/4" - 7 UNC	2-UNC1 1/4		54	44	100	35	1,32
1 1/2" - 6 UNC	2-UNC1 1/2		60	44	120	45	1,88

Förlängningar

Extensions

Verlängerungen

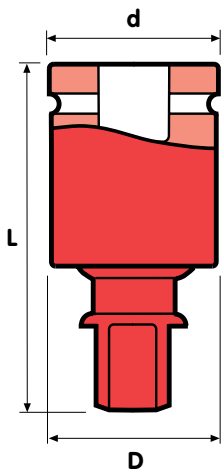


□	■	Part No	Model	D mm	d mm	L mm	l mm	kg
3/4	3/4	EB22-4	B	25,1	44	102	79	0,61
3/4	3/4	EB22-7	B	25,1	44	178	155	0,90
3/4	3/4	EB22-10	B	25,1	44	254	231	1,19
3/4	3/4	EB22-13	B	25,1	44	330	307	1,50
3/4	3/4	EB22-15	B	25,1	44	381	358	1,50

Universalknutar

Universal joints

Kugelgelenke

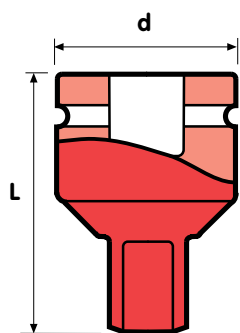


□	■	Part No	Model	D mm	d mm	L mm	kg
3/4	3/4	UK22	B	46	44	90	0,59

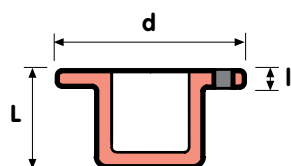
Övergångar

Adapters

Reduzierstücke



□	■	Part No	Model	d mm	L mm	kg
3/4	1/2	PA24	A	44	52	0,29
3/4	5/8	PA28	A	44	52	0,30
3/4	1	PA29	B	44	60	0,40

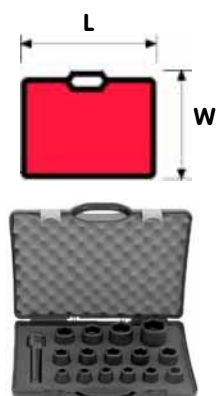


□	■	Part No	d mm	L mm	kg
3/4	1	IPA29	54	33	0,16

Krafthylssats

Impact socket sets

Kraftsteckschlüsseleinsätze

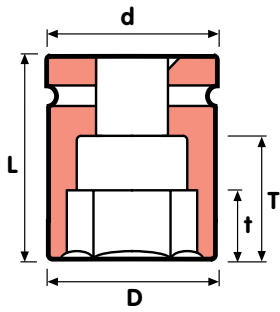


⬡	Part No	L mm	W mm	H mm	kg
	PSS221	385	345	95	9,50
	Innehåll / Content / Inhalt				
	2-19=3/4	2-26	2-32	2-46=1 13/16	
	2-21	2-27=1 1/16	2-33	EB22-7	
	2-22	2-28	2-36		
	2-23	2-29	2-38=1 1/2		
	2-24	2-30=1 3/16	2-41		

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

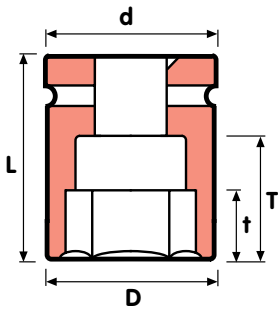




Part No	D mm	d mm	L mm	t mm	T mm	kg	
17	9-17	33	54	59	10	30	0,72
18	9-18	34	54	59	11	30	0,63
19	9-19=3/4	35	54	59	11	27	0,63
20	9-20	36	54	59	12	30	0,62
21	9-21	36	54	59	12	27	0,67
22	9-22	37	54	59	12	27	0,66
23	9-23	38	54	59	14	27	0,64
24	9-24	38	54	59	14	27	0,62
25	9-25	41	54	59	14	30	0,64
26	9-26	43	54	59	15	27	0,63
27	9-27=1 1/16	44	54	59	16	27	0,65
28	9-28	47	54	61	16	29	0,68
29	9-29	47	54	61	17	29	0,68
30	9-30=1 3/16	50	54	61	17	29	0,69
31	9-31	50	54	61	17	32	0,67
32	9-32	52	54	61	19	29	0,68
33	9-33	54	54	61	19	29	0,69
34	9-34	54	54	61	20	29	0,67
35	9-35=1 3/8	57	54	65	20	33	0,79
36	9-36	57	54	65	20	33	0,79
37	9-37	58	54	65	21	33	0,80
38	9-38=1 1/2	59	54	65	21	33	0,82
39	9-39	59	54	65	22	34	0,74
40	9-40	61	54	65	22	34	0,80
41	9-41	63	54	70	23	38	0,95
42	9-42	64	54	70	23	38	0,97
43	9-43=1 11/16	64	54	70	24	40	0,95
44	9-44	67	54	70	24	38	1,00
45	9-45	68	54	70	25	38	1,00
46	9-46=1 13/16	69	54	75	25	42	1,12
47	9-47	71	54	75	26	43	1,18
48	9-48	72	54	75	26	43	1,20
49	9-49	73	54	75	28	46	1,16
50	9-50	75	54	80	28	48	1,36
51	9-51	76	54	80	30	51	1,38
52	9-52	78	54	80	30	48	1,45
53	9-53	79	62	83	30	54	1,79
54	9-54	80	62	83	30	54	1,78
55	9-55	81	62	83	30	50	1,74
56	9-56	82	62	83	30	52	1,78
57	9-57	85	62	83	30	54	1,88
58	9-58	86	62	83	30	54	1,84

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

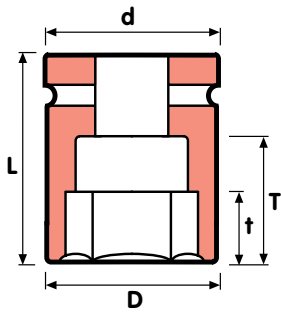




		Part No	D mm	d mm	L mm	t mm	T mm	 kg
	60	9-60	87	62	83	33	52	1,80
	61	9-61	88	62	83	33	54	1,84
	62	9-62	91	62	86	35	53	2,07
	63	9-63	92	62	86	35	53	2,08
	64	9-64	92	62	86	35	53	2,04
	65	9-65=2 9/16	94	62	86	35	54	2,10
	66	9-66	95	62	86	38	52	2,13
	70	9-70=2 3/4	100	62	86	38	54	2,27
	71	9-71	102	76	86	38	50	2,72
	74	9-74	106	76	86	38	50	2,85
	75	9-75	107	76	86	38	54	2,87
	76	9-76	108	76	86	38	49	2,92
	77	9-77	109	76	86	38	49	1,08
	80	9-80	113	76	90	38	58	3,42
	82	9-82	115	76	90	38	51	3,30
	84	9-84	116	76	90	38	51	3,25
	85	9-85	117	76	90	38	58	3,46
	87	9-87	120	76	90	38	50	3,41
	88	9-88	120	76	90	38	50	3,35
	90	9-90	124	76	100	45	67	4,30
	94	9-94	128	76	100	45	58	4,13
	95	9-95=3 3/4	129	76	100	45	66	4,40
	96	9-96	132	76	100	45	57	4,40
	100	9-100	136	76	100	45	65	4,50
	105	9-105=4 1/8	142	76	100	50	55	4,75
	110	9-110	147	76	100	50	53	4,91
	115	9-115	153	76	100	50	52	5,20
	120	9-120	161	76	100	50	50	5,69
	19	9-19=3/4L	35	54	100	11	71	1,30
	21	9-21L	36	54	100	12	71	1,31
	22	9-22L	37	54	100	12	71	0,88
	23	9-23L	38	54	100	14	68	0,88
	24	9-24L	38	54	100	14	68	0,89
	25	9-25L	41	54	100	14	71	1,29
	26	9-26L	43	54	100	15	71	0,99
	27	9-27=1 1/16L	44	54	100	16	68	0,99
	28	9-28L	47	54	100	16	68	1,07
	29	9-29L	47	54	100	17	71	1,03
	30	9-30=1 3/16L	50	54	100	17	68	1,15
	31	9-31L	50	54	100	17	71	1,20
	32	9-32L	52	54	100	19	68	1,17

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

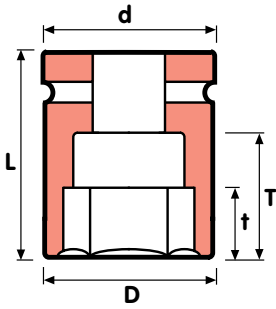




	 Part No	D mm	d mm	L mm	t mm	T mm	 kg
33	9-33L	54	54	100	19	68	1,19
34	9-34L	54	54	100	20	68	1,13
35	9-35=1 3/8L	57	54	100	20	68	1,25
36	9-36L	57	54	100	20	68	1,18
37	9-37L	58	54	100	21	68	1,26
38	9-38=1 1/2L	59	54	100	21	67	1,32
39	9-39L	59	54	100	22	69	1,30
40	9-40L	61	54	100	22	69	1,33
41	9-41L	63	54	100	23	67	1,41
42	9-42L	64	54	100	23	67	1,44
43	9-43=1 11/16L	64	54	100	24	67	1,46
44	9-44L	67	54	115	24	83	1,97
45	9-45L	68	54	115	25	83	1,98
46	9-46=1 13/16L	69	54	115	25	82	1,85
47	9-47L	71	54	115	26	83	1,93
48	9-48L	72	54	115	26	86	1,94
49	9-49L	73	54	115	28	86	1,16
50	9-50L	75	54	125	28	93	2,22
51	9-51L	76	54	125	30	96	2,26
52	9-52L	78	54	125	30	93	2,38
55	9-55L	81	62	125	30	93	2,67
56	9-56L	82	62	125	30	93	2,80
57	9-57L	85	62	125	30	96	2,80
60	9-60L	87	62	125	33	93	2,90
65	9-65=2 9/16L	94	62	135	35	105	3,63
70	9-70=2 3/4L	100	62	135	38	105	3,83
75	9-75L	107	76	135	38	105	4,80
80	9-80L	113	76	140	38	108	5,15
85	9-85L	117	76	140	38	100	5,90
90	9-90L	124	76	140	45	99	5,74
95	9-95=3 3/4L	129	76	140	45	98	5,83

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

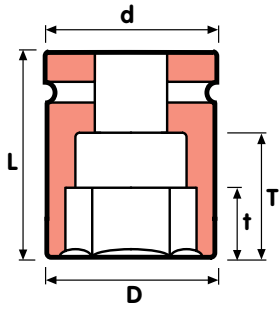




	Part No	D mm	d mm	L mm	t mm	T mm		kg
3/4	9-19=3/4	35	54	59	11	27	0,63	
13/16	9-13/16	36	54	59	12	30	0,65	
7/8	9-7/8	37	54	59	12	27	0,66	
15/16	9-15/16	38	54	59	14	27	0,62	
1	9-1	41	54	59	14	27	0,64	
1 1/16	9-27=1 1/16	44	54	59	16	27	0,65	
1 1/8	9-1 1/8	47	54	59	16	29	0,68	
1 3/16	9-30=1 3/16	50	54	61	17	29	0,69	
1 1/4	9-1 1/4	52	54	61	19	29	0,68	
1 5/16	9-1 5/16	54	54	61	19	29	0,69	
1 3/8	9-35=1 3/8	57	54	65	20	33	0,79	
1 7/16	9-1 7/16	58	54	65	21	33	0,78	
1 1/2	9-38=1 1/2	59	54	65	21	33	0,82	
1 9/16	9-1 9/16	61	54	65	22	33	0,86	
1 5/8	9-1 5/8	63	54	70	23	38	0,95	
1 11/16	9-43=1 11/16	64	54	70	24	40	0,95	
1 3/4	9-1 3/4	67	54	70	24	40	1,02	
1 13/16	9-46=1 13/16	69	54	75	25	42	1,12	
1 7/8	9-1 7/8	72	54	75	26	43	1,21	
1 15/16	9-1 15/16	73	54	75	28	43	1,30	
2	9-2	76	54	80	30	48	1,40	
2 1/16	9-2 1/16	78	54	80	30	48	1,45	
2 1/8	9-2 1/8	80	62	83	30	50	1,70	
2 3/16	9-2 3/16	82	62	83	30	52	1,80	
2 1/4	9-2 1/4	85	62	83	30	52	1,88	
2 5/16	9-2 5/16	86	62	83	30	52	1,90	
2 3/8	9-2 3/8	87	62	83	33	52	1,80	
2 7/16	9-2 7/16	91	62	86	35	53	2,00	
2 1/2	9-2 1/2	92	62	86	35	53	2,00	
2 9/16	9-65=2 9/16	94	62	86	35	54	2,10	
2 5/8	9-2 5/8	96	62	86	38	54	2,28	
2 11/16	9-2 11/16	99	62	86	38	54	2,35	
2 3/4	9-70=2 3/4	100	62	86	38	54	2,27	
2 13/16	9-2 13/16	102	76	86	38	54	2,68	
2 7/8	9-2 7/8	104	76	86	38	54	2,90	
2 15/16	9-2 15/16	107	76	86	38	54	3,00	
3	9-3	108	76	86	38	54	3,04	
3 1/16	9-3 1/16	109	76	86	38	54	3,10	
3 1/8	9-3 1/8	113	76	90	38	58	3,40	
3 3/16	9-3 3/16	114	76	90	38	52	3,28	
3 1/4	9-3 1/4	115	76	90	38	58	3,24	
3 5/16	9-3 5/16	116	76	90	38	51	3,27	

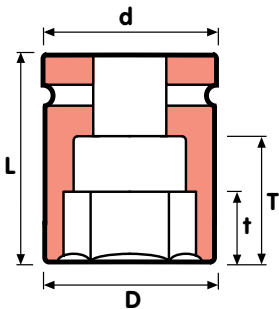
Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze



	Part No	D mm	d mm	L mm	t mm	T mm		kg
3 3/8	9-3 3/8	117	76	90	38	58	3,40	
3 7/16	9-3 7/16	120	76	90	38	50	3,37	
3 1/2	9-3 1/2	122	76	90	38	57	3,60	
3 5/8	9-3 5/8	126	76	100	45	66	4,05	
3 3/4	9-95=3 3/4	129	76	100	45	66	4,40	
3 7/8	9-3 7/8	134	76	100	45	65	4,40	
4	9-4	138	76	100	45	56	4,63	
4 1/8	9-105=4 1/8	142	76	100	50	55	4,75	
4 5/8	9-4 5/8	157	76	100	50	51	5,43	
4 3/4	9-4 3/4	161	76	100	50	50	5,73	





3/4	9-19=3/4L	35	54	100	11	71	1,30
13/16	9-13/16L	37	54	100	12	71	0,86
7/8	9-7/8L	38	54	100	12	71	0,87
15/16	9-15/16L	39	54	100	14	68	0,89
1	9-1L	42	54	100	14	68	0,93
1 1/16	9-27=1 1/16L	44	54	100	16	68	0,99
1 1/8	9-1 1/8L	48	54	100	24	68	1,07
1 3/16	9-30=1 3/16L	50	54	100	17	68	1,15
1 1/4	9-1 1/4L	53	54	100	19	68	1,17
1 5/16	9-1 5/16L	54	54	100	19	68	1,19
1 3/8	9-35=1 3/8L	57	54	100	20	68	1,25
1 7/16	9-1 7/16L	58	54	100	21	68	1,31
1 1/2	9-38=1 1/2L	59	54	100	21	68	1,32
1 9/16	9-1 9/16L	61	54	100	22	67	1,38
1 5/8	9-1 5/8L	63	54	100	23	67	1,41
1 11/16	9-43=1 11/16L	64	54	100	24	67	1,46
1 3/4	9-1 3/4L	67	54	115	24	82	1,85
1 13/16	9-46=1 13/16L	69	54	115	25	82	1,85
1 7/8	9-1 7/8L	72	54	115	26	82	2,00
1 15/16	9-1 15/16L	73	54	115	28	82	2,10
2	9-2L	76	54	125	30	93	2,30
2 1/16	9-2 1/16L	78	54	125	30	93	2,40
2 1/8	9-2 1/8L	80	62	125	30	93	2,60
2 3/16	9-2 3/16L	82	62	125	30	93	2,80
2 1/4	9-2 1/4L	85	62	125	30	93	2,80
2 5/16	9-2 5/16L	86	62	125	30	93	2,90
2 3/8	9-2 3/8L	87	62	125	33	93	2,90
2 7/16	9-2 7/16L	91	62	135	35	107	3,30
2 1/2	9-2 1/2L	92	62	135	35	107	3,55
2 9/16	9-65=2 9/16L	94	62	135	35	107	3,63
2 5/8	9-2 5/8L	96	62	135	38	107	3,70

Krafthylsor

Impact sockets



Kraftsteckschlüssel-Einsätze

	Part No	D mm	d mm	L mm	t mm	T mm		kg
2 11/16	9-2 11/16L	99	62	135	38	107		3,80
2 3/4	9-70=2 3/4L	100	62	135	38	107		3,83
2 13/16	9-2 13/16L	102	76	135	38	100		4,25
2 7/8	9-2 7/8L	104	76	135	38	99		4,42
2 15/16	9-2 15/16L	107	76	135	38	99		4,62
3	9-3L	108	76	135	38	98		4,82
3 1/16	9-3 1/16L	109	76	135	38	98		4,71
3 1/8	9-3 1/8L	113	76	140	38	102		5,30
3 1/4	9-3 1/4L	115	76	140	35	101		5,31
3 3/4	9-95=3 3/4L	129	76	140	45	98		5,83
3 7/8	9-3 7/8L	134	76	140	45	97		6,40

Dubbel 6-kant krafthylsor

12-point impact sockets



12-Kant Kraftsteckschlüssel-Einsätze



	Part No	D mm	d mm	L mm	t mm	T mm		kg
22	9-D6K22	37	54	59	12	27		0,62
24	9-D6K24	38	54	59	14	27		0,61
26	9-D6K26	43	54	59	15	27		0,63
27	9-D6K27=1 1/16	44	54	59	16	27		0,64
28	9-D6K28	47	54	61	16	29		0,68
29	9-D6K29	47	54	61	17	29		0,66
30	9-D6K30=1 3/16	50	54	61	17	29		0,68
32	9-D6K32	52	54	61	19	29		0,68
35	9-D6K35=1 3/8	57	54	65	20	33		0,79
36	9-D6K36	57	54	65	20	33		0,79
37	9-D6K37	58	54	65	21	33		0,80
38	9-D6K38=1 1/2	59	54	65	21	33		0,82
41	9-D6K41	63	54	70	23	38		0,95
42	9-D6K42	64	54	70	23	38		0,97
43	9-D6K43=1 11/16	64	54	70	24	40		0,95
46	9-D6K46=1 13/16	69	54	75	25	42		1,12
50	9-D6K50	75	54	80	28	48		1,36
55	9-D6K55	81	62	83	30	50		1,74
56	9-D6K56	82	62	83	30	52		1,78
60	9-D6K60	87	62	83	33	52		1,90
65	9-D6K65=2 9/16	94	62	86	35	54		2,26
70	9-D6K70=2 3/4	100	62	86	38	54		2,44
75	9-D6K75	107	76	86	38	54		3,02
80	9-D6K80	113	76	90	38	58		3,11

Dubbel 6-kant krafthylsor

12-point impact sockets

12-Kant Kraftsteckschlüssel-Einsätze



	Part No	D mm	d mm	L mm	t mm	T mm	 kg
	85 9-D6K85	117	76	90	38	58	3,46
	90 9-D6K90	124	76	100	45	67	4,30
	95 9-D6K95=3 3/4	129	76	100	45	66	4,40
	100 9-D6K100	136	76	100	45	65	4,50

	Part No	D mm	d mm	L mm	t mm	T mm	 kg
	7/8 9-D6K7/8	37	54	59	12	27	0,66
	15/16 9-D6K15/16	38	54	59	14	27	0,62
	1 9-D6K1	41	54	59	14	27	0,64
	1 1/16 9-D6K27=1 1/16	44	54	59	16	27	0,65
	1 1/8 9-D6K1 1/8	47	54	59	16	29	0,68
	1 3/16 9-D6K30=1 3/16	50	54	61	17	29	0,69
	1 1/4 9-D6K1 1/4	52	54	61	19	29	0,68
	1 5/16 9-D6K1 5/16	54	54	61	19	29	0,69
	1 3/8 9-D6K35=1 3/8	57	54	65	20	33	0,79
	1 7/16 9-D6K1 7/16	58	54	65	21	33	0,78
	1 1/2 9-D6K38=1 1/2	59	54	65	21	33	0,82
	1 9/16 9-D6K1 9/16	61	54	65	22	33	0,86
	1 5/8 9-D6K1 5/8	63	54	70	23	38	0,95
	1 11/16 9-D6K43=1 11/16	64	54	70	24	40	0,95
	1 3/4 9-D6K1 3/4	67	54	70	24	40	1,02
	1 13/16 9-D6K46=1 13/16	69	54	75	25	42	1,12
	1 7/8 9-D6K1 7/8	72	54	75	26	43	1,21
	1 15/16 9-D6K1 15/16	73	54	75	28	43	1,30
	2 9-D6K2	76	54	80	30	48	1,40
	2 1/16 9-D6K2 1/16	78	54	80	30	48	1,45
	2 1/8 9-D6K2 1/8	80	62	83	30	50	1,70
	2 3/16 9-D6K2 3/16	82	62	83	30	52	1,80
	2 1/4 9-D6K2 1/4	85	62	83	30	52	1,88
	2 5/16 9-D6K2 5/16	86	62	83	30	52	1,90
	2 3/8 9-D6K2 3/8	87	62	83	33	52	1,80
	2 7/16 9-D6K2 7/16	91	62	86	35	53	2,00
	2 1/2 9-D6K2 1/2	92	62	86	35	53	2,00
	2 9/16 9-D6K65=2 9/16	94	62	86	35	54	2,10
	2 5/8 9-D6K2 5/8	96	62	86	38	54	2,28
	2 11/16 9-D6K2 11/16	99	62	86	38	54	2,35
	2 3/4 9-D6K70=2 3/4	100	62	86	38	54	2,27
	2 13/16 9-D6K2 13/16	102	76	86	38	54	2,68
	2 7/8 9-D6K2 7/8	104	76	86	38	54	2,90

Dubbel 6-kant krafthylsor

12-point impact sockets

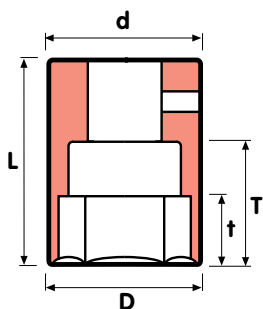
12-Kant Kraftsteckschlüssel-Einsätze



	Part No	D mm	d mm	L mm	t mm	T mm	 kg
2 15/16	9-D6K2 15/16	107	76	86	38	54	3,00
3	9-D6K3	108	76	86	38	54	3,04
3 1/16	9-D6K3 1/16	109	76	86	38	54	3,10
3 1/8	9-D6K3 1/8	113	76	90	38	58	3,40
3 1/4	9-D6K3 1/4	115	76	90	38	58	3,24
3 3/8	9-D6K3 3/8	117	76	90	38	58	3,40
3 1/2	9-D6K3 1/2	122	76	90	38	57	3,60
3 5/8	9-D6K3 5/8	126	76	100	45	66	4,05
3 3/4	9-D6K95=3 3/4	129	76	100	45	66	4,40
3 7/8	9-D6K3 7/8	134	76	100	45	65	4,40

Tunnväggiga krafthylsor

Thin wall power sockets

Dünnwandige Kraftsteckschlüssel-Einsätze

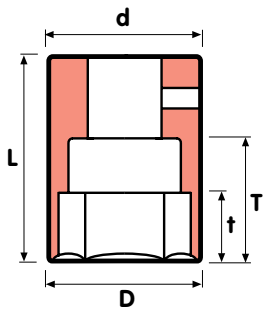




	Part No	D mm	d mm	L mm	t mm	T mm	 kg
32	T9-32	48	54	61	19	29	0,61
36	T9-36	53	54	65	20	33	0,67
38	T9-38=1 1/2	56	54	65	21	33	0,72
46	T9-46=1 13/16	66	54	75	25	42	1,01
22	T9-22L	36	54	100	12	68	0,84
24	T9-24L	38	54	100	14	68	0,84
27	T9-27=1 1/16L	41,5	54	100	16	68	0,88
30	T9-30=1 3/16L	46	54	100	17	68	0,97
32	T9-32L	48	54	100	19	68	1,00
33	T9-33L	50	54	100	19	68	1,06
36	T9-36L	53	54	100	20	68	1,12
41	T9-41L	59	54	100	23	67	1,26

Tunnväggiga krafthylsor

Thin wall power sockets

Dünnwandige Kraftsteckschlüssel-Einsätze



	Part No	D mm	d mm	L mm	t mm	T mm	 kg
1 1/2	T9-38=1 1/2		54	65	21	33	0,72
1 13/16	T9-46=1 13/16	66	54	75	25	42	1,01
1 1/16	T9-27=1 1/16L	41,5	54	100	16	68	0,88
1 3/16	T9-30=1 3/16L	46	54	100	17	68	0,97

Tunnväggiga krafthylsor har små ytterdiametrar liknande förkromade standardhylsor.

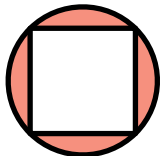
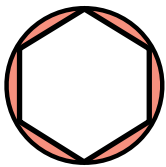
De tål därför inte lika stora påfrestningar som normala krafthylsor och bör bara användas när utrymmet är begränsat.

Thin wall power sockets have small outside diameters like hand tool sockets.

They cannot be expected to stand up to the same high loads as normal impact sockets and should only be used when limited clearance is a factor.

Dünnwandige Kraftsteckschlüsseleinsätze haben kleine Aussendurchmesser ähnlich verchromten Standardsteckschlüsseln.

Es kann nicht erwartet werden, dass sie die gleiche hohe Belastung wie normale Kraftsteckschlüssel aushalten. Sie sollten nur bei Platzmangel eingesetzt werden.



Hur tunna väggar kan en hylsa ha? Den absoluta gränsen är fyr- eller sex-kantens omskrivande cirkel.

Multipluera nyckelvidden med 1,155 eller fyrkanten med 1,414 för att få den omskrivande cirkeln.

En hylsa med nyckelvidd 19 mm och ytterdiameter 24 mm skulle få en vägg-tjocklek över hörn på 1 mm. Det är inte mycket!

How thin can the walls be? The absolute limit is the circle circumscribing the square or the hexagon.

Multiply the A/F size by 1,155 or the internal square by 1,414 to get the circumscribing circle.

A socket with 19 mm across flats and an outside diameter of 24 mm would have 1 mm thick walls.

That is not much!

Wie dünn kann die Wandstärke sein? Die absolute Begrenzung ist der umschreibende Kreis.

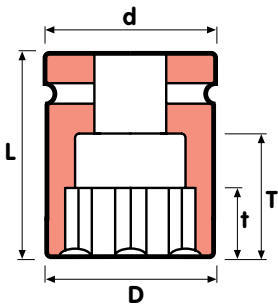
Die Schlüsselweite mit 1,155 oder den Vierkant mit 1,414 multiplizieren um den umschreibenden Kreis zu errechnen.



Somit würde eine Stecknuss mit Schlüsselweite 19 mm und Aussendurchmesser 24 mm eine Wandstärke von nur 1 mm haben.

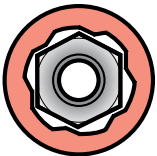
Surface drive krafthylsor



Surface drive impact sockets

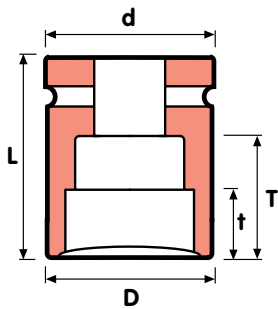
Surface drive Kraftsteckschlüssel-Einsätze





	 Part No	D mm	d mm	L mm	t mm	T mm	 kg
18	9-SF18	34	54	59	11	27	0,61
19	9-SF19=3/4	35	54	59	11	27	0,63
21	9-SF21	36	54	59	12	27	0,62
22	9-SF22	37	54	59	12	27	0,63
24	9-SF24	38	54	59	14	29	0,62
27	9-SF27=1 1/16	44	54	59	16	29	0,65
30	9-SF30=1 3/16	50	54	61	17	31	0,69
32	9-SF32	52	54	61	19	31	0,65
33	9-SF33	54	54	61	19	31	0,68
34	9-SF34	54	54	61	20	27	0,65
36	9-SF36	57	54	65	20	35	0,77
27	9-SF27=1 1/16L	44	54	100	16	70	0,97
30	9-SF30=1 3/16L	50	54	100	17	70	1,15
32	9-SF32L	52	54	100	19	70	1,19



	 Part No	D mm	d mm	L mm	t mm	T mm	 kg
16	9-4K16	35	54	64	16	34	0,63
17	9-4K17	36	54	64	17	32	0,63
18	9-4K18	38	54	64	18	34	0,63
19	9-4K19=3/4	40	54	64	19	32	0,65
20	9-4K20	42	54	64	20	32	0,69
21	9-4K21	44	54	64	20	32	0,69
22	9-4K22	46	54	64	20	32	0,70
24	9-4K24	52	54	70	35	38	0,84
25	9-4K25	53	54	70	37	40	0,84
27	9-4K27=1 1/16	54	54	70	40	40	0,85
28	9-4K28	57	54	70	25	40	0,93
29	9-4K29	57	54	75	25	45	0,93
30	9-4K30=1 3/16	58	54	75	30	44	0,97
32	9-4K32	62	54	75	30	44	1,06
33	9-4K33	64	54	75	30	43	1,21
35	9-4K35=1 3/8	67	54	75	30	43	1,19
36	9-4K36	69	54	75	30	43	1,25
38	9-4K38=1 1/2	72	54	75	30	43	1,32
40	9-4K40	76	54	80	35	47	1,56
41	9-4K41	78	54	80	35	47	1,63
42	9-4K42	80	62	80	35	46	1,87
46	9-4K46=1 13/16	86	62	80	35	45	2,05

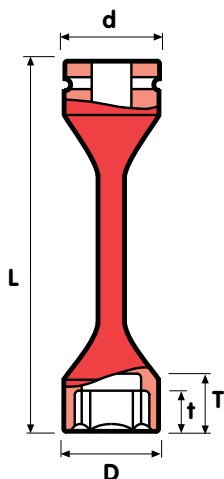


	 Part No	D mm	d mm	L mm	t mm	T mm	 kg
5/8	9-4K5/8	35	54	64	16	34	0,62
13/16	9-4K13/16	44	54	64	20	34	0,68
7/8	9-4K7/8	46	54	64	20	34	0,70
15/16	9-4K15/16	52	54	70	22	40	0,83
1	9-4K1	53	54	70	22	40	0,84
1 1/8	9-4K1 1/8	57	54	70	25	48	0,93
1 7/16	9-4K1 7/16	71	54	75	30	45	1,31
1 7/8	9-4K1 7/8	88	62	80	35	47	2,09

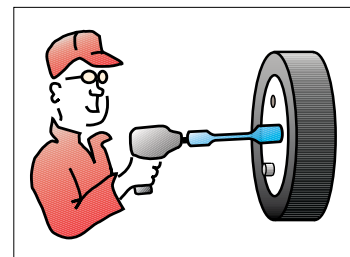
Momenthylsor

Torque sockets

Drehmoment-Steckschlüssel



Part No	D mm	d mm	L mm	t mm	T mm	kg	
23	9-23-250NM	38	54	305	27	48	0,95
24	9-24-300NM	40	54	305	27	48	1,02
27	9-27-350NM	46	54	305	27	48	1,24
27	9-27-400NM	46	54	305	27	48	1,28
29	9-29-400NM	48	54	305	27	48	1,11
30	9-30-450NM	49	54	305	27	48	1,39
30	9-30-550NM	49	54	305	27	48	1,46
32	9-32-500NM	53	54	305	27	48	1,71
32	9-32-600NM	53	54	305	27	48	1,76
32	9-32-700NM	53	54	305	27	48	1,85
33	9-33-500NM	54	54	305	27	48	1,70
33	9-33-600NM	54	54	305	27	48	1,82
33	9-33-650NM	54	54	305	27	48	1,87
33	9-33-700NM	54	54	305	27	48	1,90
1 5/16	9-1 5/16-650NM	54	54	305	27	48	1,83



Momenthylsorna är konstruerade för åtdragning av bilhjul med slående mutterdragare. Den långa och smala midjan dämpar överskottskraften i mutterdragaren.

Det faktiska åtdragningsmomentet beror på mutterdragarens kondition och lufttrycket. Kontrollera därför regelbundet med momentnyckel.

Torque sockets are designed for tightening wheel nuts using an impact wrench. The long and narrow waistline absorbs the excess power of the impact wrench.

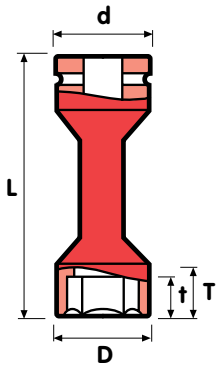
The actual torque depends on the condition of the impact wrench and the pneumatic equipment. Regularly check by means of a torque wrench.

Drehmoment-Steckschlüssel sind für das Festziehen von Radmutter mit Schlagschraubern konstruiert. Das dünne Mittelteil verhindert überschüssiges Drehmoment des Schlagschraubers.

Das tatsächliche Drehmoment hängt von der Leistung des Schlagschraubers ab. Regelmäßige Kontrollen mit Drehmoment-Schlüsseln sind empfehlenswert.

Specialhylsor för lastbilsservice
 Långa midjehylsor för fjäderbygel

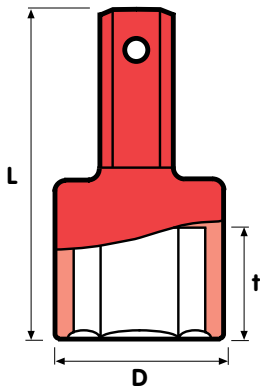
Special sockets for truck service
 Long sockets for suspension frame

Spezialsteckschlüssel für LKW-Service
 Lange Steckschlüssel für Federbügel


Part No	D mm	d mm	L mm	t mm	T mm	kg
27 9-27LS	44	54	170	30	43	1,28
28 9-28LS	46	54	170	30	43	1,33
30 9-30LS	49	54	170	30	43	1,40
32 9-32LS	52	54	170	30	43	1,47
33 9-33LS	53	54	170	30	43	1,49
34 9-34LS	54	54	170	30	43	1,52
36 9-36LS	56	54	170	30	43	1,54

Specialhylsor för lastbilsservice
 För portabla, elektriska, slående mutterdragare

Special sockets for truck service
 For portable, electrical, impact wrenches

Spezialsteckschlüssel für LKW-Service
 Für fahrbare elektrische Schlagschrauber


Part No	D mm	d mm	L mm	t mm	T mm	kg
24 9-24E	42	33,5	105	27	33	0,62
27 9-27=1 1/16E	47	33,5	110	27	35	0,72
28 9-28E	47	33,5	110	27	35	0,70
30 9-30=1 3/16E	51,5	33,5	118	32	43	0,85
32 9-32E	54	33,5	118	32	43	0,93
33 9-33E	54	33,5	118	32	43	0,90
34 9-34E	54	33,5	118	32	43	0,90
36 9-36E	58	33,5	125	34	45	1,04
38 9-38=1 1/2E	58	33,5	125	34	45	1,00
33 9-33EL	54	33,5	155	32	80	1,43

Specialhylsor för lastbilsservice

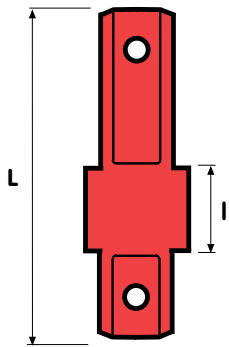
Övergång för användning av standardhylsor

Special sockets for truck service

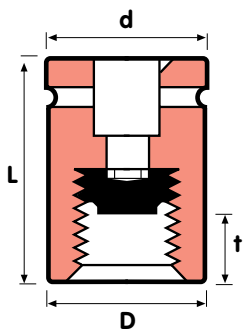
Adapters enabling the use of standard impact sockets

Spezialsteckschlüssel für LKW-Service

Übergangsstücke ermöglichen den Einsatz normaler Kraftsteckschlüssel



□	■	Part No	d mm	L mm	kg
1	1	PA99E	34	125	0,66
1	3/4	PA92E	34	120	0,57

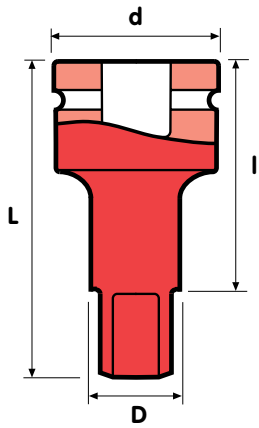
Pinnbultshylsor**Stud runner sockets****Stehbolzensteckschlüssel-Einsätze**

◎	Part No	Stigning Pitch Steigung	D mm	d mm	L mm	t mm	kg
M20	9-M20	2,5	38	54	100	25	0,96
M22	9-M22	2,5	42	54	100	25	1,05
M24	9-M24	3	44	54	100	25	1,07
M27	9-M27	3	48	54	100	28	1,19
M30	9-M30	3,5	52	54	100	30	1,30
M33	9-M33	3,5	57	54	110	38	1,63
M36	9-M36	4	60	54	110	40	1,79
M39	9-M39	4	65	54	110	44	2,00
M42	9-M42	4,5	68	54	115	47	2,25
M48	9-M48	5	74	54	115	50	2,51

Förlängningar

Extensions

Verlängerungen



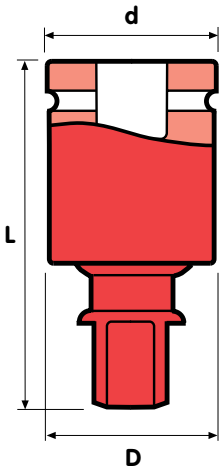
□	■	Artikel nr	Model	D mm	d mm	L mm	I mm	kg
1	1	EB99-4	B	33,5	54	102	74	0,95
1	1	EB99-7	B	33,5	54	178	150	1,46
1	1	EB99-10	B	33,5	54	254	226	2,00
1	1	EB99-13	B	33,5	54	330	302	2,50
1	1	EB99-15	B	33,5	54	381	353	2,85



Universalknutar

Universal joints

Kugelgelenke



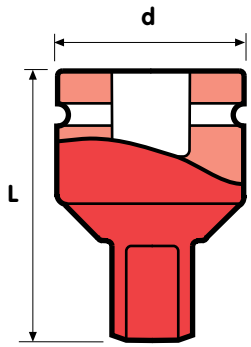
□	■	Part No	Model	D mm	d mm	L mm	kg
1	1	UK99	B	60	54	113	1,22



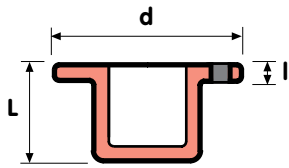
Övergångar

Adapters

Reduzierstücke



□	■	Part No	Model	d mm	L mm	kg
1	3/4	PA92	B	54	67	0,53
1	1 1/4	PA93	B	64	82	1,12
1	1 1/2	PA95	B	64	85	1,26

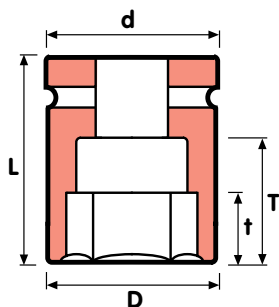




□	■	Artikel nr	d mm	L mm	kg
1	1 1/2	IPA95	84	45	0,53

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

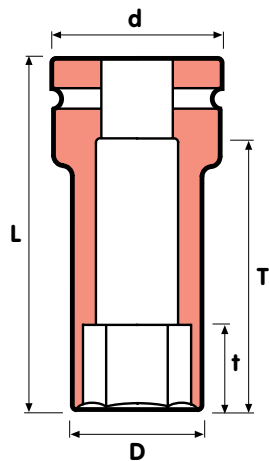




	Part No	D mm	d mm	L mm	t mm	T mm	 kg
22	5-22	46	84	80	14	38	1,95
24	5-24	48	84	80	14	38	1,96
25	5-25	50	84	80	14	38	2,00
27	5-27=1 1/16	54	84	80	16	38	2,07
30	5-30=1 3/16	56	84	80	17	38	2,07
32	5-32	59	84	80	19	38	2,13
33	5-33	59	84	80	19	38	2,13
34	5-34	61	84	80	20	38	2,15
35	5-35=1 3/8	61	84	80	20	36	2,10
36	5-36	63	84	84	21	36	2,30
37	5-37	65	84	84	21	42	2,19
38	5-38=1 1/2	65	84	84	21	36	2,30
41	5-41	70	84	84	23	36	2,29
42	5-42	71	84	84	23	36	2,26
43	5-43=1 11/16	73	84	84	24	36	2,40
46	5-46=1 13/16	76	84	87	25	40	2,40
47	5-47	78	84	87	26	40	2,40
48	5-48	79	84	87	26	40	2,40
50	5-50	81	84	90	28	43	2,40
52	5-52	83	84	90	30	43	2,50
54	5-54	84	84	90	30	44	2,38
55	5-55	86	86	90	30	47	2,52
56	5-56	87	86	95	30	51	2,90
57	5-57	90	86	95	30	53	2,90
58	5-58	92	86	95	30	53	2,97
60	5-60	94	86	95	35	51	3,03
63	5-63	97	86	100	35	58	3,16
64	5-64	97	86	100	35	58	3,24
65	5-65=2 9/16	99	86	100	35	56	3,38
70	5-70=2 3/4	105	86	105	40	61	4,00
75	5-75	112	86	110	42	66	4,60
77	5-77	118	86	110	42	60	5,00
80	5-80	119	86	110	42	66	5,30
85	5-85	125	86	120	50	75	5,67
90	5-90	131	86	120	50	75	6,04
95	5-95=3 3/4	141	102	130	55	83	8,30
100	5-100	146	102	130	55	83	8,63
105	5-105=4 1/8	151	102	130	55	83	9,40
110	5-110	157	102	140	70	92	10,00
115	5-115	163	102	140	72	92	10,60
120	5-120	170	102	140	77	90	11,20
125	5-125	175	102	140	77	90	11,80

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze





	Part No	D mm	d mm	L mm	t mm	T mm	 kg
130	5-130	180	102	150	80	100	12,90
135	5-135	186	102	150	80	100	13,60
140	5-140	192	102	150	80	100	15,00
145	5-145	198	102	150	80	97	17,20
150	5-150	203	102	150	85	97	18,00
155	5-155	209	102	150	85	97	19,00



30	5-30=1 3/16L	56	84	150	17	108	3,30
35	5-35=1 3/8L	61	84	150	20	108	3,79
36	5-36L	63	84	150	23	108	3,81
38	5-38=1 1/2L	65	84	150	24	108	3,86
41	5-41L	70	84	150	27	106	3,70
42	5-42L	71	84	150	27	106	3,70
43	5-43=1 11/16L	73	84	150	27	106	3,90
46	5-46=1 13/16L	77	84	150	29	106	3,90
47	5-47L	78	84	150	30	106	4,26
48	5-48L	79	84	150	30	105	4,18
50	5-50L	81	84	150	32	106	3,90
52	5-52L	83	84	150	33	106	3,90
55	5-55L	86	86	150	35	106	4,10
56	5-56L	87	86	150	35	108	4,18
57	5-57L	90	86	150	36	108	4,40
58	5-58L	92	86	150	37	108	4,70
60	5-60L	94	86	150	39	106	4,70
63	5-63L	97	86	150	41	108	4,94
64	5-64L	97	86	150	41	108	4,86
65	5-65=2 9/16L	99	86	150	41	106	4,90
70	5-70=2 3/4L	105	86	170	45	126	6,40
75	5-75L	112	86	170	47	126	6,90
80	5-80L	119	86	170	51	126	7,60
85	5-85L	125	86	180	54	135	9,40
90	5-90L	131	86	180	58	135	10,00
95	5-95=3 3/4L	141	102	190	61	143	12,10
100	5-100L	146	102	190	46	143	12,60
105	5-105=4 1/8L	151	102	190	66	143	13,20
110	5-110L	157	102	200	70	152	14,50
115	5-115L	163	102	200	72	152	15,10
120	5-120L	170	102	200	77	150	16,00
125	5-125L	175	102	200	77	136	17,12
130	5-130L	180	102	210	80	145	18,59
135	5-135L	186	102	210	80	144	19,50
140	5-140L	192	102	210	80	142	20,80

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze



	Part No	D mm	d mm	L mm	t mm	T mm	 kg
145	5-145L	198	102	210	80	141	21,47
150	5-150L	203	102	210	85	139	22,33
155	5-155L	209	102	210	85	138	23,35

	Part No	D mm	d mm	L mm	t mm	T mm	 kg
1	5-1	50	84	80	14	38	1,98
1 1/16	5-27=1 1/16	54	84	80	16	38	2,07
1 1/8	5-1 1/8	54	84	80	16	38	1,98
1 3/16	5-30=1 3/16	56	84	80	17	38	2,07
1 1/4	5-1 1/4	59	84	80	19	38	2,15
1 5/16	5-1 5/16	59	84	80	19	38	1,98
1 3/8	5-35=1 3/8	61	84	80	20	36	2,10
1 7/16	5-1 7/16	63	84	84	21	42	2,17
1 1/2	5-38=1 1/2	65	84	84	21	36	2,30
1 9/16	5-1 9/16	68	84	84	22	42	2,25
1 5/8	5-1 5/8	70	84	84	23	36	2,40
1 11/16	5-43=1 11/16	73	84	84	24	36	2,40
1 3/4	5-1 3/4	75	84	87	25	40	2,40
1 13/16	5-46=1 13/16	76	84	87	25	40	2,40
1 7/8	5-1 7/8	78	84	87	26	40	2,40
1 15/16	5-1 15/16	80	84	90	28	43	2,40
2	5-2	82	84	90	30	43	2,42
2 1/16	5-2 1/16	83	84	90	30	43	2,50
2 1/8	5-2 1/8	84	84	90	30	43	2,60
2 3/16	5-2 3/16	87	86	95	30	51	2,90
2 1/4	5-2 1/4	90	86	95	30	51	2,90
2 5/16	5-2 5/16	92	86	95	30	51	3,00
2 3/8	5-2 3/8	94	86	95	35	51	3,10
2 7/16	5-2 7/16	96	86	100	35	56	3,30
2 1/2	5-2 1/2	97	86	100	35	56	3,30
2 9/16	5-65=2 9/16	99	86	100	35	56	3,38
2 5/8	5-2 5/8	102	86	105	40	61	3,80
2 11/16	5-2 11/16	104	86	105	40	61	3,90
2 3/4	5-70=2 3/4	105	86	105	40	61	4,00
2 13/16	5-2 13/16	107	86	110	42	66	4,20
2 7/8	5-2 7/8	110	86	110	42	66	4,40
2 15/16	5-2 15/16	112	86	110	42	66	4,60
3	5-3	116	86	110	42	66	4,90
3 1/16	5-3 1/16	118	86	110	42	66	5,10
3 1/8	5-3 1/8	119	86	110	42	66	5,40

Krafthylsor

Impact sockets

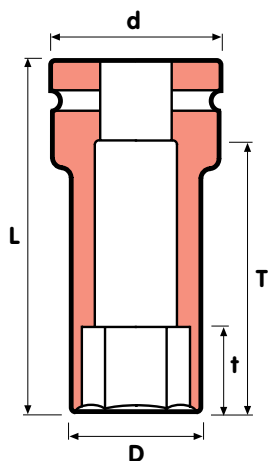
Kraftsteckschlüssel-Einsätze



	Part No	D mm	d mm	L mm	t mm	T mm	 kg
3 3/16	5-3 3/16	121	86	120	50	75	5,70
3 1/4	5-3 1/4	123	86	120	50	75	6,00
3 5/16	5-3 5/16	125	86	120	50	68	6,01
3 3/8	5-3 3/8	125	86	120	50	75	6,20
3 7/16	5-3 7/16	129	86	120	50	67	6,26
3 1/2	5-3 1/2	130	86	120	50	75	6,70
3 9/16	5-3 9/16	131	86	120	50	67	6,34
3 5/8	5-3 5/8	136	102	120	50	75	7,00
3 11/16	5-3 11/16	138	102	120	50	66	7,35
3 3/4	5-95=3 3/4	141	102	130	55	83	8,30
3 13/16	5-3 13/16	142	102	130	55	75	8,29
3 7/8	5-3 7/8	144	102	130	55	83	8,48
3 15/16	5-3 15/16	146	102	130	55	83	9,00
4	5-4	148	102	130	55	83	9,10
4 1/16	5-4 1/16	149	102	130	55	73	8,80
4 1/8	5-105=4 1/8	151	102	130	55	83	9,40
4 3/16	5-4 3/16	153	102	130	55	83	9,60
4 1/4	5-4 1/4	155	102	140	70	92	9,97
4 5/16	5-4 5/16	157	102	140	70	81	10,14
4 3/8	5-4 3/8	158	102	140	70	92	10,30
4 1/2	5-4 1/2	163	102	140	72	92	10,67
4 5/8	5-4 5/8	166	102	140	77	90	10,82
4 3/4	5-4 3/4	170	102	140	77	90	11,10
4 7/8	5-4 7/8	173	102	140	77	90	11,50
5	5-5	178	102	150	77	100	12,30
5 1/8	5-5 1/8	180	102	150	80	100	12,90
5 3/16	5-5 3/16	182	102	150	80	100	13,10
5 1/4	5-5 1/4	185	102	150	80	100	13,40
5 3/8	5-5 3/8	188	102	150	80	100	14,00
5 1/2	5-5 1/2	192	102	150	80	100	15,00
5 9/16	5-5 9/16	193	102	150	80	97	15,90
5 3/4	5-5 3/4	199	102	150	85	97	17,40
5 7/8	5-5 7/8	203	102	150	85	97	18,20
6	5-6	206	102	150	85	97	15,45
6 1/8	5-6 1/8	209	102	150	85	97	19,00

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

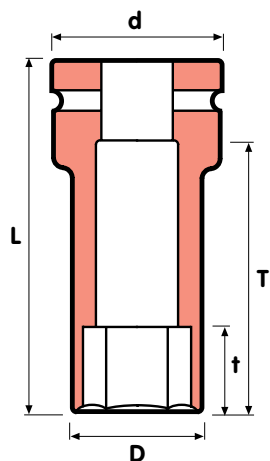


	Part No	D mm	d mm	L mm	t mm	T mm		kg
1 3/16	5-30=1 3/16L	56	84	150	17	108		3,30
1 3/8	5-35=1 3/8L	61	84	150	20	108		3,79
1 1/2	5-38=1 1/2L	65	84	150	24	108		3,86
1 5/8	5-1 5/8L	70	84	150	27	106		3,70
1 11/16	5-43=1 11/16L	73	84	150	27	102		3,90
1 3/4	5-1 3/4L	75	84	150	29	102		3,70
1 13/16	5-46=1 13/16L	77	84	150	29	102		3,90
1 7/8	5-1 7/8L	78	84	150	30	102		3,80
1 15/16	5-1 15/16L	80	84	150	31	102		3,90
2	5-2L	82	84	150	32	102		3,90
2 1/16	5-2 1/16L	83	84	150	33	102		3,90
2 1/8	5-2 1/8L	84	84	150	35	102		4,00
2 3/16	5-2 3/16L	87	86	150	35	102		4,20
2 1/4	5-2 1/4L	90	86	150	36	102		4,40
2 5/16	5-2 5/16L	92	86	150	37	102		4,60
2 3/8	5-2 3/8L	94	86	150	39	102		4,80
2 7/16	5-2 7/16L	96	86	150	40	102		4,80
2 1/2	5-2 1/2L	97	86	150	41	102		4,90
2 9/16	5-65=2 9/16L	99	86	150	41	102		4,90
2 5/8	5-2 5/8L	102	86	170	43	126		6,10
2 11/16	5-2 11/16L	104	86	170	43	126		6,30
2 3/4	5-70=2 3/4L	105	86	170	45	126		6,40
2 13/16	5-2 13/16L	107	86	170	46	126		6,60
2 7/8	5-2 7/8L	110	86	170	46	126		6,80
2 15/16	5-2 15/16L	112	86	170	47	126		6,90
3	5-3L	116	86	170	48	126		7,60
3 1/16	5-3 1/16L	118	86	170	49	126		7,60
3 1/8	5-3 1/8L	119	86	170	51	126		7,60
3 3/16	5-3 3/16L	121	86	180	51	135		9,00
3 1/4	5-3 1/4L	123	86	180	52	135		9,20
3 3/8	5-3 3/8L	125	86	180	54	135		9,40
3 7/16	5-3 7/16L	129	86	180	55	127		9,31
3 1/2	5-3 1/2L	130	86	180	58	135		9,90
3 5/8	5-3 5/8L	136	102	180	58	135		10,30
3 3/4	5-95=3 3/4L	141	102	190	61	143		12,10
3 13/16	5-3 13/16L	142	102	190	61	136		12,42
3 7/8	5-3 7/8L	144	102	190	64	143		12,40
4	5-4L	148	102	190	64	143		12,80
4 1/16	5-4 1/16L	149	102	190	66	133		13,06
4 1/8	5-105=4 1/8L	151	102	190	66	143		13,20
4 3/16	5-4 3/16L	153	102	190	67	143		13,60
4 1/4	5-4 1/4L	155	102	200	70	150		14,70

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze





Part No	D mm	d mm	L mm	t mm	T mm	kg	
4 5/16	5-4 5/16L	157	102	200	70	141	14,78
4 3/8	5-4 3/8L	158	102	200	70	141	14,88
4 1/2	5-4 1/2L	163	102	200	72	150	15,10
4 5/8	5-4 5/8L	166	102	200	77	150	15,80
4 3/4	5-4 3/4L	170	102	200	77	138	16,14
4 7/8	5-4 7/8L	173	102	200	77	137	17,84
5	5-5L	178	102	210	77	146	18,93
5 1/8	5-5 1/8L	180	102	210	80	145	18,86
5 3/16	5-5 3/16L	182	102	210	80	145	19,09
5 1/4	5-5 1/4L	185	102	210	80	144	19,66
5 3/8	5-5 3/8L	188	102	210	80	143	20,34
5 1/2	5-5 1/2L	192	102	210	80	142	20,61
5 3/4	5-5 3/4L	199	102	210	85	140	21,42
5 7/8	5-5 7/8L	203	102	210	85	140	22,33
6	5-6L	206	102	210	85	139	22,99

Dubbel 6-kant krafthylsor

12-point impact sockets

12-Kant Kraftsteckschlüssel-Einsätze



Artikel nr	D mm	d mm	L mm	t mm	T mm	kg	
41	5-D6K41	70	84	84	23	36	2,25
43	5-D6K43=1 11/16	73	84	84	24	36	2,27
46	5-D6K46=1 13/16	76	84	87	25	40	2,32
50	5-D6K50	81	84	90	28	43	2,37
55	5-D6K55	86	86	90	30	47	2,70
60	5-D6K60	94	86	95	35	51	3,10
65	5-D6K65=2 9/16	99	86	100	35	56	3,50
70	5-D6K70=2 3/4	105	86	105	40	61	4,00
75	5-D6K75	112	86	110	42	66	4,60
80	5-D6K80	119	86	110	42	66	5,30
85	5-D6K85	125	86	120	50	75	6,40
90	5-D6K90	131	86	120	50	75	6,70
95	5-D6K95=3 3/4	141	102	130	55	83	8,70
100	5-D6K100	146	102	130	55	83	9,00
105	5-D6K105=4 1/8	151	102	130	55	83	9,40

	Part No	D mm	d mm	L mm	t mm	T mm	 kg
1 5/8	5-D6K1 5/8	70	84	84	23	36	2,25
1 11/16	5-D6K43=1 11/16	73	84	84	24	36	2,27
1 3/4	5-D6K1 3/4	75	84	87	25	40	2,40
1 13/16	5-D6K46=1 13/16	76	84	87	25	40	2,32
1 7/8	5-D6K1 7/8	78	84	87	26	40	2,40
1 15/16	5-D6K1 15/16	80	84	90	28	43	2,40
2	5-D6K2	82	84	90	30	43	2,36
2 1/16	5-D6K2 1/16	83	84	90	30	43	2,50
2 1/8	5-D6K2 1/8	84	84	90	30	43	2,29
2 3/16	5-D6K2 3/16	87	86	95	30	51	2,90
2 1/4	5-D6K2 1/4	90	86	95	30	51	2,90
2 5/16	5-D6K2 5/16	92	86	95	30	51	3,00
2 3/8	5-D6K2 3/8	94	86	95	35	51	3,10
2 7/16	5-D6K2 7/16	96	86	100	35	56	3,30
2 1/2	5-D6K2 1/2	97	86	100	35	56	3,30
2 9/16	5-D6K65=2 9/16	99	86	100	35	56	3,50
2 5/8	5-D6K2 5/8	102	86	105	40	61	3,80
2 11/16	5-D6K2 11/16	104	86	105	40	61	3,90
2 3/4	5-D6K70=2 3/4	105	86	105	40	61	4,00
2 13/16	5-D6K2 13/16	107	86	110	42	66	4,20
2 7/8	5-D6K2 7/8	110	86	110	42	66	4,23
2 15/16	5-D6K2 15/16	112	86	110	42	66	4,60
3	5-D6K3	116	86	110	42	66	4,90
3 1/16	5-D6K3 1/16	118	86	110	42	66	5,10
3 1/8	5-D6K3 1/8	119	86	110	42	66	4,79
3 3/16	5-D6K3 3/16	121	86	120	50	75	5,70
3 1/4	5-D6K3 1/4	123	86	120	50	75	6,00
3 3/8	5-D6K3 3/8	125	86	120	50	75	6,20
3 1/2	5-D6K3 1/2	130	86	120	50	75	6,70
3 5/8	5-D6K3 5/8	136	102	120	50	75	7,00
3 3/4	5-D6K95=3 3/4	141	102	130	55	83	8,70
3 7/8	5-D6K3 7/8	144	102	130	55	83	8,15
3 15/16	5-D6K3 15/16	146	102	130	55	83	8,34
4	5-D6K4	148	102	130	55	83	9,10
4 1/8	5-D6K105=4 1/8	151	102	130	55	83	9,40
4 3/16	5-D6K4 3/16	153	102	130	55	83	11,10
4 1/4	5-D6K4 1/4	155	102	140	70	92	9,90
4 3/8	5-D6K4 3/8	158	102	140	70	92	10,30
4 1/2	5-D6K4 1/2	163	102	140	72	92	10,80
4 5/8	5-D6K4 5/8	166	102	140	77	90	10,90
4 3/4	5-D6K4 3/4	170	102	140	77	90	11,10
4 7/8	5-D6K4 7/8	173	102	140	77	90	11,50

Dubbel 6-kant krafthylsor

12-point impact sockets

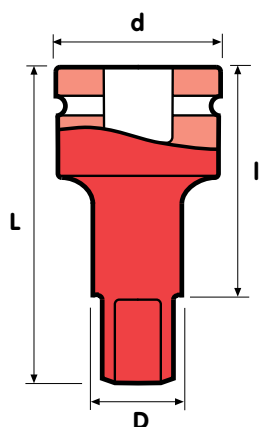
12-Kant Kraftsteckschlüssel-Einsätze




	Part No	D mm	d mm	L mm	t mm	T mm		kg
5	5-D6K5	178	102	150	77	100		12,30
5 1/8	5-D6K5 1/8	180	102	150	80	100		12,90
5 3/16	5-D6K5 3/16	182	102	150	80	100		13,10
5 1/4	5-D6K5 1/4	185	102	150	80	100		13,40
5 3/8	5-D6K5 3/8	188	102	150	80	100		14,00
5 1/2	5-D6K5 1/2	192	102	150	80	100		15,00
5 9/16	5-D6K5 9/16	193	102	150	80	97		15,90
5 3/4	5-D6K5 3/4	199	102	150	85	97		17,40
5 7/8	5-D6K5 7/8	203	102	150	85	97		18,20
6	5-D6K6	206	102	150	85	97		18,60
6 1/8	5-D6K6 1/8	209	102	150	85	97		19,00

Förlängningar

Extensions

Verlängerungen

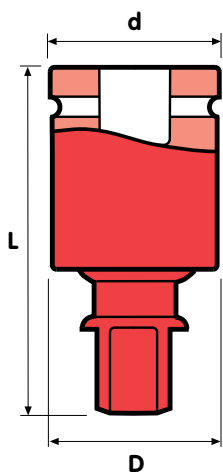


		Part No	Model	D mm	d mm	L mm	I mm		kg
1 1/2	1 1/2	EB55-7	B	49,5	84	178	138,7		3,70
1 1/2	1 1/2	EB55-10	B	49,5	84	254	214,7		4,90
1 1/2	1 1/2	EB55-13	B	49,5	84	330	290,7		5,10
1 1/2	1 1/2	EB55-15	B	49,5	84	381	341,7		6,70

Universalknutar

Universal joints

Kugelgelenke



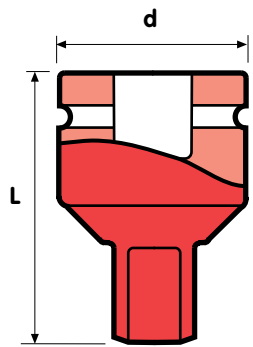
□	■	Artikel nr	Model	D mm	d mm	L mm	kg
1 1/2	1 1/2	UK55	B	84	84	166	3,75



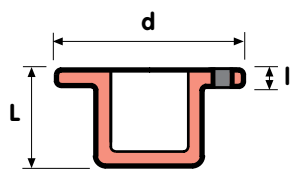
Övergångar

Adapters

Reduzierstücke



□	■	Part No	Model	d mm	L mm	kg
1 1/2	1	PA59	B	84	88	1,75
1 1/2	1 1/4	PA53	B	84	88	1,76
1 1/2	2 1/2	PA56	B	102	120	5,00

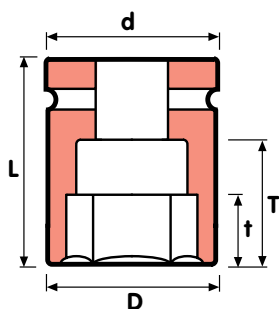




□	■	Part No	d mm	L mm	kg
1 1/2	2 1/2	IPA56	137	65	2,35

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

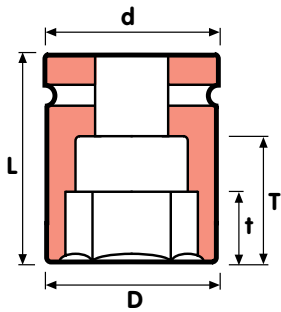




	Part No	D mm	d mm	L mm	t mm	T mm	 kg
50	6-50	91	137	130	28	72	9,01
55	6-55	96	137	130	30	72	9,22
60	6-60	100	137	130	35	68	9,30
65	6-65=2 9/16	104	137	130	35	68	9,30
70	6-70=2 3/4	110	137	130	40	68	9,30
75	6-75	118	137	130	45	68	9,31
80	6-80	126	137	130	45	68	9,28
85	6-85	133	137	130	50	68	9,30
90	6-90	143	137	140	50	78	10,55
95	6-95=3 3/4	148	137	140	55	78	10,80
100	6-100	153	137	140	55	78	11,10
105	6-105=4 1/8	158	137	150	60	88	12,10
110	6-110	166	137	150	65	88	13,00
115	6-115	174	137	150	65	88	13,90
120	6-120	181	160	150	70	88	16,90
125	6-125	187	160	150	75	88	17,50
130	6-130	195	160	170	75	106	21,50
135	6-135	202	160	170	80	106	22,50
140	6-140	208	160	170	80	106	23,00
145	6-145	214	160	170	80	106	24,00
150	6-150	219	160	170	85	106	24,50
155	6-155	224	160	180	90	115	29,00
160	6-160	229	160	180	90	115	31,00
165	6-165=6 1/2	235	160	180	95	115	32,00
170	6-170	240	160	180	95	115	32,50
175	6-175	247	160	180	95	115	34,50
180	6-180	253	160	225	110	143	41,40
185	6-185	258	160	225	110	143	42,30
190	6-190	264	160	225	120	143	43,60
200	6-200	276	160	225	120	143	46,60
210	6-210	287	160	225	120	143	49,20
215	6-215	293	160	225	120	143	50,80
225	6-225	304	160	225	120	130	53,30
230	6-230	310	160	225	120	129	54,70
235	6-235	316	160	225	120	143	56,40
250	6-250	333	160	225	120	123	61,20
255	6-255	339	160	225	120	143	63,20

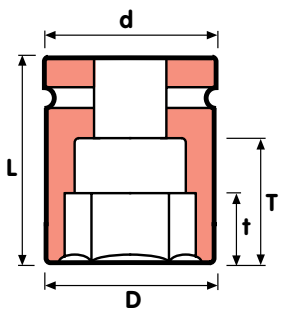
Krafthylsor



Impact sockets

Kraftsteckschlüssel-Einsätze



	 Part No	D mm	d mm	L mm	t mm	T mm	 kg
60	6-60L	100	137	180	35	122	10,70
65	6-65=2 9/16L	104	137	180	35	122	10,68
70	6-70=2 3/4L	110	137	180	40	122	10,88
75	6-75L	118	137	180	45	122	11,24
80	6-80L	126	137	180	45	122	11,88
85	6-85L	133	137	180	50	122	12,27
90	6-90L	143	137	200	50	142	15,22
95	6-95=3 3/4L	148	137	200	55	142	15,64
100	6-100L	153	137	200	55	142	16,02
105	6-105=4 1/8L	158	137	220	60	162	18,21
110	6-110L	166	137	220	65	162	19,81
115	6-115L	174	137	220	65	162	21,38
120	6-120L	181	160	220	70	162	24,79
125	6-125L	187	160	220	75	162	25,90
130	6-130L	195	160	250	75	183	31,44
135	6-135L	202	160	250	80	182	33,17
140	6-140L	208	160	250	80	180	34,40
145	6-145L	214	160	250	80	179	35,64
150	6-150L	219	160	250	85	177	36,30
155	6-155L	224	160	250	90	176	36,90
160	6-160L	229	160	250	90	174	37,60
165	6-165L	235	160	250	95	173	38,74
170	6-170L	240	160	250	95	171	39,42

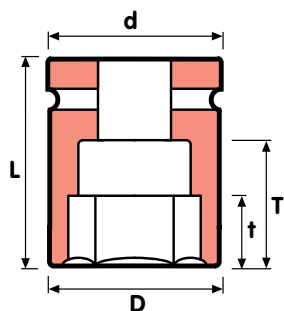




	 Part No	D mm	d mm	L mm	t mm	T mm	 kg
2	6-2	92	137	130	30	72	9,00
2 3/16	6-2 3/16	97	137	130	30	72	8,58
2 5/16	6-2 5/16	99	137	130	30	72	8,45
2 3/8	6-2 3/8	100	137	130	35	68	9,30
2 7/16	6-2 7/16	102	137	130	35	68	9,45
2 1/2	6-2 1/2	102	137	130	35	68	9,30
2 9/16	6-65=2 9/16	104	137	130	35	68	9,30
2 5/8	6-2 5/8	106	137	130	40	68	9,30
2 11/16	6-2 11/16	108	137	130	40	68	9,30
2 3/4	6-70=2 3/4	110	137	130	40	68	9,30
2 13/16	6-2 13/16	112	137	130	45	68	9,30
2 7/8	6-2 7/8	116	137	130	45	68	9,30
2 15/16	6-2 15/16	118	137	130	45	68	9,30
3	6-3	120	137	130	45	68	9,30
3 1/16	6-3 1/16	122	137	130	45	68	9,30

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze

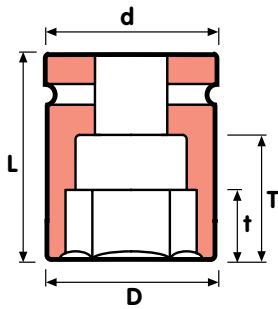




	Part No	D mm	d mm	L mm	t mm	T mm		kg
3 1/8	6-3 1/8	126	137	130	45	68	9,30	
3 1/4	6-3 1/4	128	137	130	50	68	9,30	
3 5/16	6-3 5/16	132	137	130	50	72	9,58	
3 3/8	6-3 3/8	133	137	130	50	68	9,30	
3 1/2	6-3 1/2	142	137	140	50	78	10,40	
3 9/16	6-3 9/16	143	137	140	50	82	10,50	
3 5/8	6-3 5/8	145	137	140	55	78	10,60	
3 3/4	6-95=3 3/4	148	137	140	55	78	10,80	
3 7/8	6-3 7/8	151	137	140	55	78	11,00	
4	6-4	155	137	140	60	78	11,30	
4 1/8	6-105=4 1/8	158	137	150	60	88	12,10	
4 3/16	6-4 3/16	160	137	150	65	88	12,40	
4 1/4	6-4 1/4	163	137	150	65	88	12,80	
4 3/8	6-4 3/8	167	137	150	65	88	13,30	
4 1/2	6-4 1/2	172	137	150	65	88	13,60	
4 9/16	6-4 9/16	176	160	150	70	92	16,45	
4 5/8	6-4 5/8	178	160	150	70	88	15,20	
4 3/4	6-4 3/4	181	160	150	70	88	16,90	
4 7/8	6-4 7/8	186	160	150	75	88	17,30	
5	6-5	190	160	170	75	106	21,50	
5 1/8	6-5 1/8	195	160	170	75	106	22,00	
5 3/16	6-5 3/16	198	160	170	80	106	22,00	
5 1/4	6-5 1/4	200	160	170	80	106	22,50	
5 3/8	6-5 3/8	204	160	170	80	106	23,00	
5 1/2	6-5 1/2	208	160	170	80	106	23,00	
5 9/16	6-5 9/16	210	160	170	80	106	24,00	
5 3/4	6-5 3/4	216	160	170	85	106	25,00	
5 7/8	6-5 7/8	219	160	170	85	106	26,00	
6	6-6	221	160	180	85	115	30,00	
6 1/8	6-6 1/8	224	160	180	90	115	30,00	
6 1/4	6-6 1/4	228	160	180	90	115	30,50	
6 3/8	6-6 3/8	232	160	180	90	115	31,00	
6 1/2	6-165=6 1/2	235	160	180	95	115	32,00	
6 3/4	6-6 3/4	243	160	180	95	115	33,00	
6 7/8	6-6 7/8	247	160	180	95	115	33,50	
7	6-7	250	160	180	95	115	35,50	
7 1/8	6-7 1/8	253	160	225	110	143	46,00	
7 1/4	6-7 1/4	258	160	225	110	143	47,00	
7 5/16	6-7 5/16	260	160	225	120	143	47,50	
7 1/2	6-7 1/2	264	160	225	120	143	48,00	
7 5/8	6-7 5/8	269	160	225	120	143	49,00	
7 13/16	6-7 13/16	273	160	225	120	143	49,50	

Krafthylsor

Impact sockets

Kraftsteckschlüssel-Einsätze



	Part No	D mm	d mm	L mm	t mm	T mm		kg
8 3/8	6-8 3/8	291	160	225	120	143	58,50	
8 7/16	6-8 7/8	304	160	225	120	143	62,00	
9 1/8	6-9 1/8	312	160	225	120	143	65,00	
9 7/16	6-9 7/16	322	160	225	120	143	68,50	
10	6-10	338	160	225	120	143	70,00	

2 3/8	6-2 3/8L	100	137	180	35	122	10,70
2 7/16	6-2 7/16L	102	137	180	35	122	10,73
2 1/2	6-2 1/2L	102	137	180	35	122	10,64
2 9/16	6-65=2 9/16L	104	137	180	35	122	10,68
2 5/8	6-2 5/8L	106	137	180	40	122	10,70
2 11/16	6-2 11/16L	108	137	180	40	122	10,83
2 3/4	6-70=2 3/4L	110	137	180	40	122	10,88
2 13/16	6-2 13/16L	112	137	180	45	122	11,00
2 7/8	6-2 7/8L	116	137	180	45	122	11,36
2 15/16	6-2 15/16L	118	137	180	45	122	11,24
3	6-3L	120	137	180	45	122	11,51
3 1/16	6-3 1/16L	122	137	180	45	122	11,68
3 1/8	6-3 1/8L	126	137	180	45	122	11,88
3 1/4	6-3 1/4L	128	137	180	50	122	11,90
3 3/8	6-3 3/8L	133	137	180	50	122	12,27
3 1/2	6-3 1/2L	142	137	200	50	142	15,12
3 5/8	6-3 5/8L	145	137	200	55	142	15,39
3 3/4	6-95=3 3/4L	148	137	200	55	142	15,64
3 7/8	6-3 7/8L	151	137	200	55	142	15,96
4	6-4L	155	137	200	60	142	16,31
4 1/8	6-105=4 1/8L	158	137	220	60	162	18,21
4 3/16	6-4 3/16L	160	137	220	65	162	18,70
4 1/4	6-4 1/4L	163	137	220	65	162	19,24
4 3/8	6-4 3/8L	167	137	220	65	162	19,90
4 1/2	6-4 1/2L	172	137	220	65	162	20,92
4 5/8	6-4 5/8L	178	160	220	70	162	24,28
4 3/4	6-4 3/4L	181	160	220	70	162	24,79
4 7/8	6-4 7/8L	186	160	220	75	162	25,77
5	6-5L	190	160	250	75	184	30,19
5 1/8	6-5 1/8L	195	160	250	75	183	31,44
5 3/16	6-5 3/16L	198	160	250	80	183	32,25
5 1/4	6-5 1/4L	200	160	250	80	182	32,88
5 3/8	6-5 3/8L	204	160	250	80	181	33,47
5 1/2	6-5 1/2L	208	160	250	80	180	34,40
5 3/4	6-5 3/4L	216	160	250	85	178	36,00
5 7/8	6-5 7/8L	219	160	250	85	178	36,30

Krafthylsor

Impact sockets

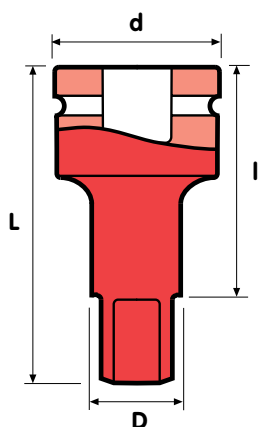
Kraftsteckschlüssel-Einsätze

Part No	D mm	d mm	L mm	t mm	T mm	kg
6 6-6L	221	160	250	85	177	36,68
6 1/8 6-6 1/8L	224	160	250	90	176	36,90
6 1/4 6-6 1/4L	228	160	250	90	175	38,30
6 3/8 6-6 3/8L	232	160	250	90	174	38,74
6 1/2 6-6 1/2L	235	160	250	95	173	38,74
6 3/4 6-6 3/4L	243	160	250	95	171	41,37
6 7/8 6-6 7/8L	247	160	250	95	170	42,44
7 6-7L	250	160	250	95	170	42,94

Förlängningar

Extensions

Verlängerungen

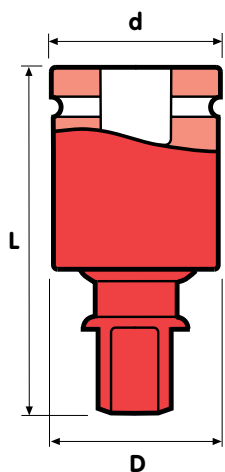


Part No	Model	D mm	d mm	L mm	l mm	kg
2 1/2 2 1/2 EB66-7	B	83,5	137	178	122,4	11,00
2 1/2 2 1/2 EB66-10	B	83,5	137	254	198,4	14,70
2 1/2 2 1/2 EB66-13	B	83,5	137	330	274,4	18,00
2 1/2 2 1/2 EB66-15	B	83,5	137	384	328,4	20,00

Universalknutar

Universal joints

Kugelgelenke

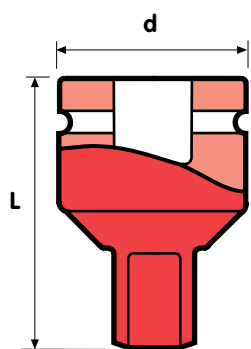


□	■	Part No	Model	D mm	d mm	L mm	kg
2 1/2	2 1/2	UK66	B	137	141	280	18,00

Övergångar

Adapters

Reduzierstücke

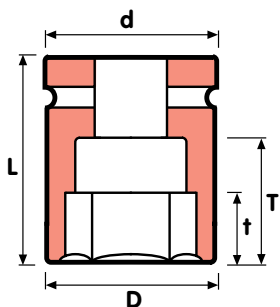




□	■	Part No	Model	d mm	L mm	kg
2 1/2	1 1/2	PA65	B	137	125	6,25

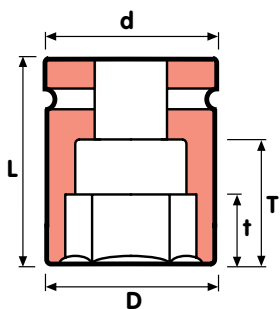
Krafthylsor



Impact sockets

Kraftsteckschlüssel-Einsätze



	Part No	D mm	d mm	L mm	t mm	T mm	 kg
105	12-105=4 1/8	180	195	205	60	118	30,00
110	12-110	186	195	205	65	118	31,00
115	12-115	192	195	205	65	118	32,00
120	12-120	199	195	205	75	118	33,00
125	12-125	203	195	205	75	118	34,00
130	12-130	209	195	205	75	118	35,00
135	12-135	215	195	205	80	118	36,00
140	12-140	221	195	205	80	118	37,00
145	12-145	227	195	205	80	118	38,00
150	12-150	233	195	205	85	118	39,00
155	12-155	239	195	205	85	118	40,00
160	12-160	245	195	230	90	142	43,00
165	12-165=6 1/2	251	195	230	95	142	48,00
170	12-170	257	195	230	95	142	49,00
175	12-175	263	195	230	100	142	50,00
180	12-180	270	230	250	120	162	69,00
185	12-185	275	230	250	120	162	62,50
190	12-190	281	230	250	120	162	71,00
200	12-200	292	230	250	120	162	73,00
210	12-210	304	230	250	120	162	77,00
215	12-215	310	230	250	120	162	80,00
235	12-235	334	230	275	140	158	94,00
255	12-255	358	230	275	140	158	102,00

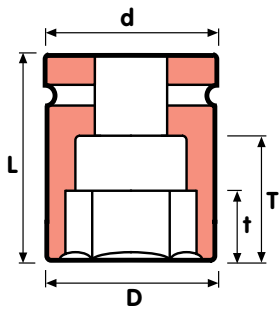




	Part No	D mm	d mm	L mm	t mm	T mm	 kg
4	12-4	176	195	205	60	118	28,00
4 1/8	12-105=4 1/8	180	195	205	60	118	30,00
4 3/16	12-4 3/16	182	195	205	60	118	30,00
4 1/4	12-4 1/4	184	195	205	60	118	31,00
4 3/8	12-4 3/8	187	195	205	60	118	31,00
4 1/2	12-4 1/2	192	195	205	60	118	32,00
4 5/8	12-4 5/8	196	195	205	75	118	33,00
4 3/4	12-4 3/4	199	195	205	75	118	32,00
4 7/8	12-4 7/8	203	195	205	75	118	33,00
5	12-5	207	195	205	75	118	34,00
5 1/8	12-5 1/8	209	195	205	75	118	34,00
5 3/16	12-5 3/16	212	195	205	80	118	35,00
5 1/4	12-5 1/4	214	195	205	80	118	36,00
5 3/8	12-5 3/8	217	195	205	80	118	36,00
5 1/2	12-5 1/2	221	195	205	80	118	37,00

Krafthylsor

Impact sockets



Kraftsteckschlüssel-Einsätze





 Part No		D mm	d mm	L mm	t mm	T mm	 kg
5 9/16	12-5 9/16	223	195	205	80	118	38,00
5 3/4	12-5 3/4	228	195	205	85	118	38,00
5 7/8	12-5 7/8	233	195	205	85	118	39,00
6	12-6	235	195	205	85	118	39,00
6 1/8	12-6 1/8	239	195	205	85	118	40,00
6 1/4	12-6 1/4	244	195	230	90	142	43,00
6 3/8	12-6 3/8	247	195	230	95	142	45,00
6 1/2	12-165=6 1/2	251	195	230	95	142	48,00
6 3/4	12-6 3/4	259	195	230	95	142	49,00
6 7/8	12-6 7/8	263	195	230	100	142	50,00
7	12-7	268	230	250	120	162	67,00
7 1/8	12-7 1/8	270	230	250	120	162	69,00
7 1/4	12-7 1/4	275	230	250	120	162	70,00
7 5/16	12-7 5/16	277	230	250	120	162	70,00
7 1/2	12-7 1/2	281	230	250	120	162	71,00
7 5/8	12-7 5/8	285	230	250	120	162	72,00
7 13/16	12-7 13/16	290	230	250	120	162	73,00
8 3/8	12-8 3/8	308	230	250	120	162	78,00
8 7/8	12-8 7/8	322	230	250	120	162	84,00
9 1/8	12-9 1/8	329	230	250	120	162	86,00
9 7/16	12-9 7/16	339	230	275	140	158	90,00
10	12-10	358	230	275	140	158	102,00





Krafthylssats
Impact socket sets
Kraftsteckschlüssel-Sätze


	Part No	L mm	W mm	H mm	 kg
	PSS441	275	225	65	2,64
Innehåll / Content / Inhalt					
	4-10	4-14	4-18	4-24	
	4-11	4-15	4-19=3/4	4-27=1 1/16	
	4-12	4-16	4-21	4-30=1 3/16	
	4-13	4-17	4-22	EB44-5	





	Part No	L mm	W mm	H mm	 kg
	PSS441UK	275	225	65	2,64
Innehåll / Content / Inhalt					
	4-10	4-14	4-18	4-24	
	4-11	4-15	4-19=3/4	4-27=1 1/16	
	4-12	4-16	4-21	4-30=1 3/16	
	4-13	4-17	4-22	EB44-5	
	UK44				





	Part No	L mm	W mm	H mm	 kg
	LPSS441	275	225	65	2,64
Innehåll / Content / Inhalt					
	4-10L	4-14L	4-17L	4-21L	
	4-13L	4-15L	4-19L	4-24L	



	Part No	L mm	W mm	H mm	 kg
	TPSS441	275	225	65	2,49
	Innehåll / Content / Inhalt				
	T4-8	T4-13	T4-18	T4-23	
	T4-9	T4-14	T4-19=3/4	T4-24	
	T4-10	T4-15	T4-20	T4-27=1 1/16	
	T4-11	T4-16	T4-21	T4-30=1 3/16	
	T4-12	T4-17	T4-22	EB44-5	



	Part No	L mm	W mm	H mm	 kg
	LTPSS441	275	225	65	2,64
	Innehåll / Content / Inhalt				
	T4-10L	T4-14L	T4-17L	T4-21L	
	T4-13L	T4-15L	T4-19L	T4-24L	

Tunnväggiga krafthylsor har små ytterdiametrar liknande förkromade standardhylsor.

De tål därför inte lika stora påfrestningar som normala krafthylsor och bör bara användas när utrymmet är begränsat.

Thin wall power sockets have small outside diameters like hand tool sockets.

They cannot be expected to stand up to the same high loads as normal impact sockets and should only be used when limited clearance is a factor.

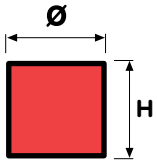
Dünnwandige Kraftsteckschlüsseleinsätze haben kleine Aussendurchmesser ähnlich verchromten Standardsteckschlüsseln.


Es kann nicht erwartet werden, dass sie die gleiche hohe Belastung wie normale Kraftsteckschlüssel aushalten. Sie sollten nur bei Platzmangel eingesetzt werden.


Insatsövergångsatser

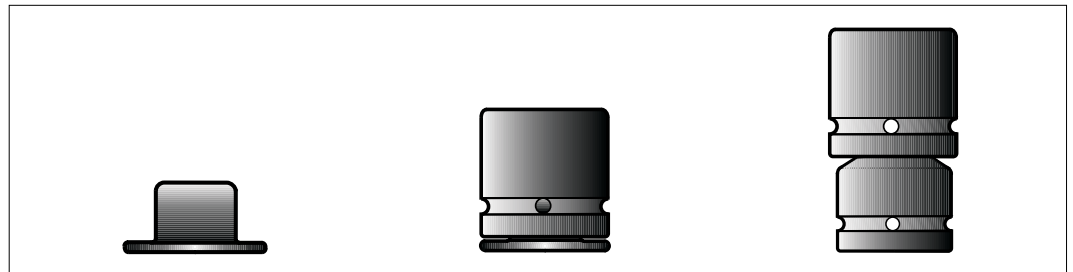
Insert adapter sets

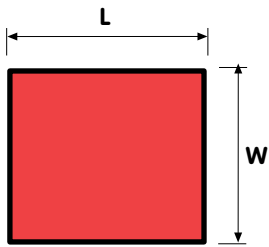
Einsatzreduzierstück-Sätze



Part No	\varnothing mm	H mm	 kg
IPAS:1	63	61	0,31
Innehåll / Content / Inhalt			
IPA14	IPA42	IPA29	

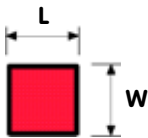
Part No	\varnothing mm	H mm	 kg
IPAS:2	63	61	0,17
Innehåll / Content / Inhalt			
IPA01	IPA14	IPA42	



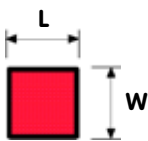
Momenthylssatser
Torque socket sets
Drehmoment-Steckschlüssel-Sätze


Part No	L mm	W mm	H mm	kg
TSS44:5	280	230	40	2,02
Innehåll / Content / Inhalt				
4-17-110NMC		4-19-140NMC		
4-19-90NMC		4-21-110NMC		
4-19-110NMC				

Part No	L mm	W mm	H mm	kg
TSS44:6	280	230	40	2,34
Innehåll / Content / Inhalt				
4-17-110NMC		4-19-110NMC		
4-17-120NMC		4-19-140NMC		
4-19-90NMC		4-21-110NMC		

Krafthylssatser
Impact sockets sets
Kraftsteckschlüssel-Sätze


Part No	L mm	W mm	H mm	kg
LDS:1	95	95	45	0,86
Innehåll / Content / Inhalt				
4-17LD		4-19LD		4-21LD





Part No	L mm	W mm	H mm	kg
LDSRP:1	95	95	45	0,86
Innehåll / Content / Inhalt				
4-17LDRP		4-19LDRP		4-21LDRP

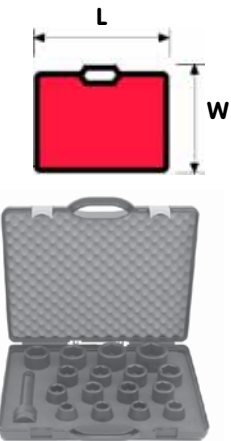
Krafthylssatser



Impact sockets sets

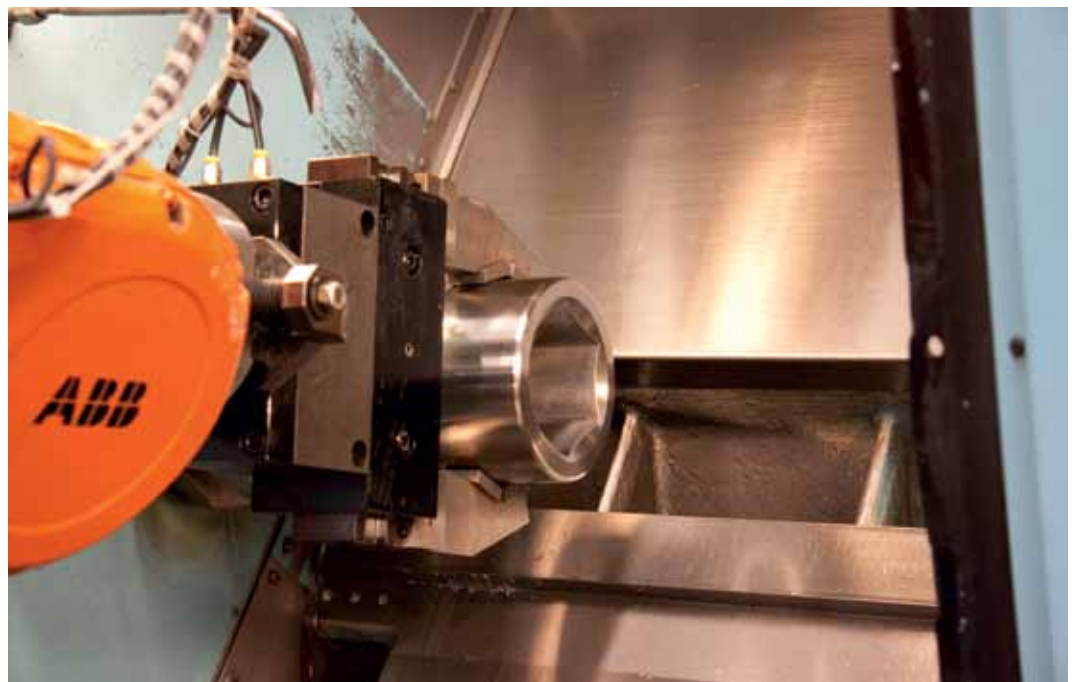
Kraftsteckschlüssel-Sätze



	Part No	L mm	W mm	H mm	 kg
	IPSS441	95	95	45	0,86
Innehåll / Content / Inhalt					
	H4-7/16	7/16-5	7/16-10	7/16-1/4	
		7/16-6	7/16-12	7/16-3/8	
		7/16-8	7/16-14	7/16-1/2	



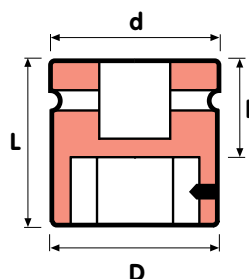
	Part No	L mm	W mm	H mm	 kg
	PSS221	385	345	95	9,50
Innehåll / Content / Inhalt					
	2-19=3/4	2-26	2-32	2-46=1 13/16	
	2-21	2-27=1 1/16	2-33	EB22-7	
	2-22	2-28	2-36		
	2-23	2-29	2-38=1 1/2		
	2-24	2-30=1 3/16	2-41		






Hållare

Holders

Halter

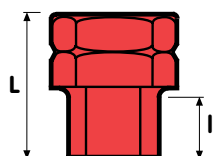




		Part No	D mm	d mm	L mm	l mm	 kg
		3/8 1/4 H1-1/4	15	19	34	20,5	0,05
		3/8 7/16 H1-7/16	22,6	22,6	34	22	0,08
		1/2 7/16 H4-7/16	22,6	25	38	26	0,10
		1/2 7/8 H4-7/8	38	30	50	30	0,29
		5/8 7/8 H8-7/8	38	35	55	35	0,33
		3/4 7/8 H2-7/8	44	44	55	35	0,46
		1 7/8 H9-7/8	48	54	60	40	0,70
		1 1 1/4 H9-1 1/4	63	54	75	45	1,20
		1 1/2 1 1/4 H5-1 1/4	68	84	88	58	2,33
		1 1/2 1 3/4 H5-1 3/4	84	84	110	70	3,24

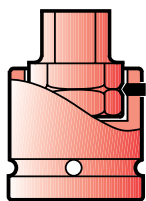
Insatsmejslar

Insert bits

Einsatzklingen

7/16" 

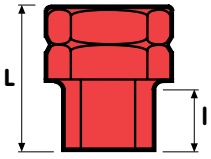
	Part No	L mm	l mm	 kg
	5 7/16-5	28	6	0,02
	6 7/16-6	28	7	0,02
	8 7/16-8	28	8	0,02
	10 7/16-10	28	12	0,02
	12 7/16-12	28	13	0,03
	14 7/16-14	28	13	0,03
	17 7/16-17	28	13	0,04
	1/4 7/16-1/4	28	7	0,02
	5/16 7/16-5/16	28	8	0,02
	3/8 7/16-3/8	28	12	0,02
	7/16 7/16-7/16	28	12	0,02
	1/2 7/16-1/2	28	13	0,03
	9/16 7/16-9/16	28	13	0,03



Insatsmejslarna låses med en spetsig skruv mot ett v-format spår i insatsmejselns hörn. Vid behov kan skruven säkras ytterligare med gänglåsningsmedel.

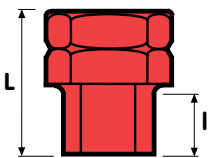
The insert bit is secured by means of a pointed screw against a v-shaped groove in the corners of the insert bit. If necessary the screw can be further secured by a tread-locking material.

Die Einsatzklinge wird durch eine Spitzschraube in einer V-förmigen Nut im Eckbereich der Klinge gesichert. Wenn erforderlich, kann die Schraube mit einem Klebstoff weiter gesichert werden.

Insatsmejslar
Insert bits
Einsatzklingen
7/8" 

Part No
**L
mm**
**l
mm**
 **kg**

10	7/8-10	44	10	0,10
12	7/8-12	44	13	0,11
14	7/8-14	44	14	0,11
16	7/8-16	44	16	0,12
17	7/8-17	44	16	0,12
18	7/8-18	44	18	0,13
19	7/8-19	44	18	0,13
20	7/8-20	44	18	0,14
22	7/8-22	44	18	0,15
24	7/8-24	44	19	0,16

3/8	7/8-3/8	44	10	0,10
1/2	7/8-1/2	44	13	0,11
9/16	7/8-9/16	44	14	0,11
5/8	7/8-5/8	44	16	0,12
11/16	7/8-11/16	44	16	0,12
3/4	7/8-3/4	44	18	0,13
13/16	7/8-13/16	44	18	0,14
7/8	7/8-7/8	44	18	0,15
1	7/8-1	44	19	0,17

1 1/4" 

Part No
**L
mm**
**l
mm**
 **kg**


19	1 1/4-19	60	22	0,30
22	1 1/4-22	60	22	0,32
24	1 1/4-24	60	22	0,34
27	1 1/4-27	60	22	0,36
30	1 1/4-30	60	28	0,38
32	1 1/4-32	65	30	0,41
33	1 1/4-33	65	30	0,42
36	1 1/4-36	65	30	0,50

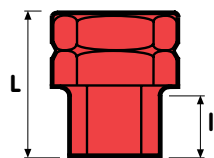
1	1 1/4-1	60	22	0,34
1 1/16	1 1/4-1 1/16	60	22	0,36
1 1/8	1 1/4-1 1/8	60	28	0,37
1 3/16	1 1/4-1 3/16	60	25	0,39
1 1/4	1 1/4-1 1/4	65	30	0,41
1 5/16	1 1/4-1 5/16	60	25	0,43



Insatsmejslar

Insert bits

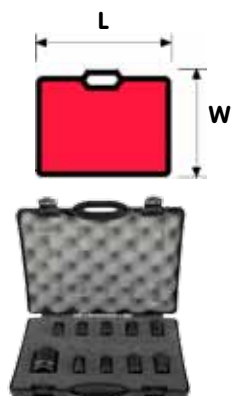
Einsatzklingen



1 3/4" 



	Part No	L mm	l mm	 kg
36	1 3/4-36	80	38	0,90
41	1 3/4-41	80	38	0,64
46	1 3/4-46	85	40	1,17
50	1 3/4-50	85	40	1,36
1 3/8	1 3/4-1 3/8	80	30	0,47
1 1/2	1 3/4-1 1/2	80	38	0,94
1 5/8	1 3/4-1 5/8	80	38	0,98
1 3/4	1 3/4-1 3/4	80	38	1,06
1 7/8	1 3/4-1 7/8	85	40	0,90
2	1 3/4-2	90	45	1,40

1/2" 



	Part No	L mm	W mm	H mm	 kg
	IPSS441	170	150	35	0,41
Innehåll / Content / Inhalt					
	H4-7/16	7/16-5	7/16-10	7/16-1/4	
		7/16-6	7/16-12	7/16-3/8	
		7/16-8	7/16-14	7/16-1/2	

Insatsmejslarna låses med en spetsig skruv mot ett v-format spår i insatsmejselns hörn. Vid behov kan skruven säkras ytterligare med gänglåsningemedel.

The insert bit is secured by means of a pointed screw against a v-shaped groove in the corners of the insert bit. If necessary the screw can be further secured by a thread-locking material.

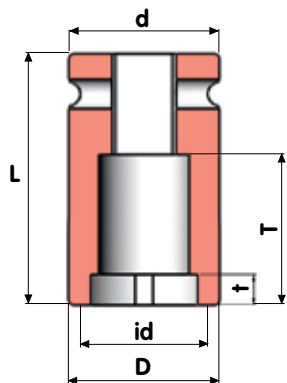
Die Einsatzklinge wird durch eine Spitzschraube in einer V-förmigen Nut im Eckbereich der Klinge gesichert. Wenn erforderlich, kann die Schraube mit einem Klebstoff weiter gesichert werden.

Hylsor för kullagermuttrar
Sockets for axial nuts
Kraftsteckschlüssel für Wellenmuttern
3/8" □

Part No
**D
mm**
**d
mm**
**id
mm**
**L
mm**
**t
mm**
**T
mm**
kg
**Spår
Slots
Nuten**

KM0	1-KM0	22	22	18,1	57	5	44	0,11	4
KM1	1-KM1	28	22	22,2	57	5	44	0,11	4

1/2" □

Part No
**D
mm**
**d
mm**
**id
mm**
**L
mm**
**t
mm**
**T
mm**
kg
**Spår
Slots
Nuten**


KM2	4-KM2	33	30	25,2	82	6	61	0,27	4
KM3	4-KM3	36	30	28,2	82	6	61	0,24	4
KM4	4-KM4	38	32	32,2	82	9	58	0,28	4
KM5	4-KM5	46	39	38,2	82	9	58	0,38	4
KM6	4-KM6	53	45	45,2	82	9	58	0,42	4
KM7	4-KM7	60	49	52,2	82	9	58	0,47	4
KM8	4-KM8	68	59	58,3	82	9	58	0,61	4

3/4" □

Part No
**D
mm**
**d
mm**
**id
mm**
**L
mm**
**t
mm**
**T
mm**
kg
**Spår
Slots
Nuten**

KM9	2-KM9	73,5	44	65,4	90	13,5	62	0,80	4
KM10	2-KM10	78,5	44	70,4	90	13,5	62	0,90	4
KM11	2-KM11	83,5	44	75,4	90	13,5	62	0,90	4
KM12	2-KM12	88,5	44	80,4	90	13,5	60	1,04	4
KM13	2-KM13	94	44	85,4	90	13,5	60	1,12	4

1" □

Part No
**D
mm**
**d
mm**
**id
mm**
**L
mm**
**t
mm**
**T
mm**
kg
**Spår
Slots
Nuten**

KM14	9-KM14	103	76	92,5	110	12	74	2,13	4
KM15	9-KM15	109	76	98,5	110	13	74	2,24	4
KM16	9-KM16	116	76	105,6	110	15	74	2,35	4
KM17	9-KM17	121	76	110,6	110	16	74	2,50	4
KM18	9-KM18	131	76	120,6	110	16	74	2,72	4
KM19	9-KM19	137	76	125,6	110	17	74	3,01	4
KM20	9-KM20	143	76	130,6	110	18	74	3,24	4



Dessa hylsor för kullagermuttrar ersätter haknycklar och gör det möjligt att använda mutterdragare eller momentnyckel.

These sockets for axial nuts replace hook spanners making the use of power tools or torque wrenches possible.

Steckschlüssel für Wellenmuttern ersetzen Haken-schlüssel und ermöglichen den Einsatz von Schraubern oder Drehmomentschlüsseln.

Hylsor för kullagermuttrar

Sockets for axial nuts

Kraftsteckschlüssel-Einsätze für Wellenmuttern

3/8" □



Part No

D
mm

d
mm

id
mm

L
mm

t
mm

T
mm

kg

Spår
Slots
Nuten

GU0	1-GU0	22	22	18,1	57	8	44	0,10	4
GU1	1-GU1	26	22	21,2	57	8	44	0,11	4

1/2" □



Part No

D
mm

d
mm

id
mm

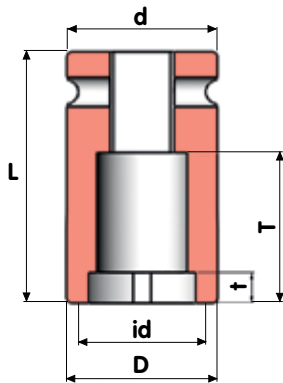
L
mm

t
mm

T
mm

kg

Spår
Slots
Nuten



GU2	4-GU2	30	30	24,2	82	10	61	0,24	4
GU3	4-GU3	34	30	28,2	82	10	61	0,24	4
GU4	4-GU4	38	30	32,2	82	15	58	0,28	4
GU5	4-GU5	46	30	38,2	82	15	58	0,38	4
GU6	4-GU6	52	30	44,2	82	15	58	0,42	4
GU7	4-GU7	59	30	50,2	82	15	58	0,45	4
GU8	4-GU8	66	30	56,3	82	15	58	0,61	4

3/4" □



Part No

D
mm

d
mm

id
mm

L
mm

t
mm

T
mm

kg

Spår
Slots
Nuten

GU9	2-GU9	71	60	62,4	90	18	62	0,80	4
GU10	2-GU10	77	65	68,4	90	18	62	0,87	4
GU11	2-GU11	84	70	75,4	90	18	62	0,92	6
GU12	2-GU12	89	75	80,4	90	18	60	1,00	6
GU13	2-GU13	94	80	85,4	90	18	60	1,09	6

1" □



Part No

D
mm

d
mm

id
mm

L
mm

t
mm

T
mm

kg

Spår
Slots
Nuten

GU14	9-GU14	103	76	92,5	110	22	74	2,20	6
GU15	9-GU15	109	76	98,5	110	22	74	2,30	6
GU16	9-GU16	116	76	105,6	110	22	74	2,45	8
GU17	9-GU17	121	76	110,6	110	22	72	2,60	8
GU18	9-GU18	131	76	120,6	110	22	72	2,90	8
GU19	9-GU19	137	76	125,6	110	22	72	3,05	8
GU20	9-GU20	143	76	130,6	110	22	70	3,30	8



Dessa hylsor för kullagermuttrar ersätter haknycklar och gör det möjligt att använda mutterdragare eller momentnyckel.

These sockets for axial nuts replace hook spanners making the use of power tools or torque wrenches possible.

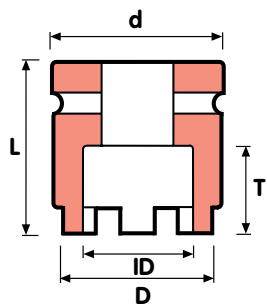
Steckschlüssel für Wellenmuttern ersetzen Haken-schlüssel und ermöglichen den Einsatz von Schraubern oder Drehmomentschlüsseln.

Hylsor för kronmuttrar

Castellated sockets

Kraftsteckschlüssel für Kronenmuttern

1" □



Part No	D mm	d mm	L mm	t mm	T mm	kg
1 1/2 9-C1 1/2	59,5	36	54	65	35	0,80
1 3/4 9-C1 3/4	69,5	42	54	65	35	1,00
2 9-C2	79	48	62	65	35	1,35
2 1/4 9-C2 1/4	89	58	62	65	35	1,50
2 1/2 9-C2 1/2	99	64,5	62	65	35	1,70
2 3/4 9-C2 3/4	108	71	76	71	40	2,40
3 9-C3	121	77	76	77	46	3,20
3 1/2 9-C3 1/2	140	90	76	91	60	4,80
4 9-C4	159	103	76	91	60	5,60
4 1/2 9-C4 1/2	178	116	76	102	70	8,70

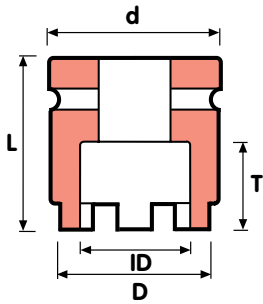
1 1/2" □

Part No	D mm	d mm	L mm	t mm	T mm	kg
1 1/2 5-C1 1/2	59,5	36	84	80	39	2,00
1 3/4 5-C1 3/4	69,5	42	84	80	39	2,20
2 5-C2	79	48	84	80	39	2,30
2 1/4 5-C2 1/4	89	58	86	80	35	2,30
2 1/2 5-C2 1/2	99	64,5	86	80	35	2,50
2 3/4 5-C2 3/4	108	71	86	83	38	3,00
3 5-C3	121	77	86	88	43	3,90
3 1/2 5-C3 1/2	140	90	102	100	55	6,20
4 5-C4	159	103	102	100	55	7,40
4 1/2 5-C4 1/2	178	116	102	108	63	9,40
5 5-C5	194	128	102	108	63	10,50
5 1/2 5-C5 1/2	221	141	102	110	65	13,60

2 1/2" □

Part No	D mm	d mm	L mm	t mm	T mm	kg
2 6-C2	79	48	137	90	38	6,20
2 1/4 6-C2 1/4	89	58	137	98	38	6,30
2 1/2 6-C2 1/2	99	64,5	137	98	38	6,50
2 3/4 6-C2 3/4	108	71	137	98	38	6,60
3 6-C3	121	77	137	100	40	6,90
3 1/2 6-C3 1/2	140	90	137	105	45	7,18
4 6-C4	159	103	137	115	55	8,90
4 1/2 6-C4 1/2	178	116	160	120	60	12,80
5 6-C5	194	128	160	130	70	14,70
5 1/2 6-C5 1/2	221	141	160	135	75	18,30
6 6-C6	235	154	160	140	70	22,10
6 1/2 6-C6 1/2	252	167	160	145	75	25,40
7 6-C7	270	181	160	150	80	29,30

3 1/2" □



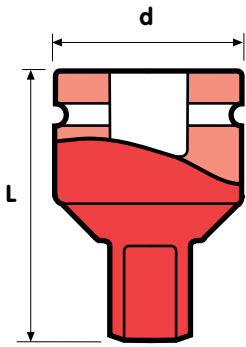
	Part No	D mm	d mm	L mm	t mm	T mm	kg
3 1/2	12-C3 1/2	140	90	195	145	60	20,20
4	12-C4	159	103	195	145	60	20,40
4 1/2	12-C4 1/2	178	116	195	150	65	20,90
5	12-C5	194	128	195	150	65	20,70
5 1/2	12-C5 1/2	221	141	195	175	65	28,10
6	12-C6	235	154	195	180	70	30,30
6 1/2	12-C6 1/2	252	167	195	185	75	34,10
7	12-C7	270	181	195	190	80	38,30



Övergångar

Adapters

Reduzierstücke



□	■	Part No	Model	d mm	L mm	kg
1/4	3/8	PA01	A	13	28	0,02
3/8	1/4	PA10	A	22	31	0,04
3/8	1/2	PA14	A	22	35	0,06
1/2	3/8	PA41	A	25	35	0,06
1/2	5/8	PA48	A	29	43	0,13
1/2	3/4	PA42	B	29	43	0,13
5/8	1/2	PA84	A	35	49	0,18
5/8	3/4	PA82	B	35	54	0,23
3/4	1/2	PA24	A	44	52	0,29
3/4	5/8	PA28	A	44	52	0,30
3/4	1	PA29	B	44	60	0,40
1	3/4	PA92	B	54	67	0,53
1	1 1/4	PA93	B	64	82	1,12
1	1 1/2	PA95	B	64	85	1,26
1 1/4	1	PA39	B	64	84	1,77
1 1/4	1 1/2	PA35	B	74	95	1,77
1 1/2	1	PA59	B	84	88	1,75
1 1/2	1 1/4	PA53	B	84	88	1,76
1 1/2	2 1/2	PA56	B	102	120	5,00
2 1/2	1 1/2	PA65	B	137	125	6,25

Spline övergångar

Spline drive adapters

Spline drive Reduzierstücke

No. 5 Spline



Part No

d
mm

L
mm

kg

1 5/8

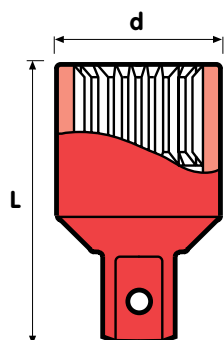
1

PA79

60

89

0,85



Övergångar för användning av standardhylsor

Adapters enabling the use of standard impact sockets

Übergangsstücke ermöglichen den Einsatz normaler Kraftsteckschlüssel



Part No

d
mm

L
mm

kg

1

1

PA99E

34

125

0,66

1

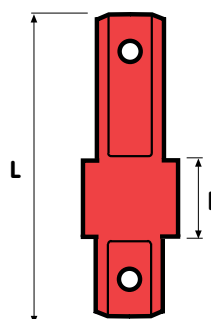
3/4

PA92E

34

120

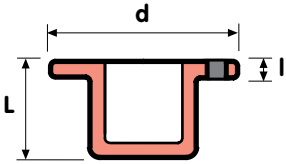
0,57



Övergångar

Adapters

Reduzierstücke

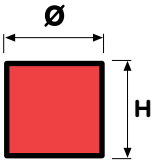


		Part No	d mm	L mm	kg
1/4	3/8	IPA01	22	14	0,02
3/8	1/2	IPA14	30	18	0,03
1/2	3/4	IPA42	44	28	0,11
3/4	1	IPA29	54	33	0,16
1	1 1/2	IPA95	84	45	0,53
1 1/2	2 1/2	IPA56	137	65	2,35

Insatsövergångsater

Insert adapter sets

Einsatzreduzierstück-Sätze



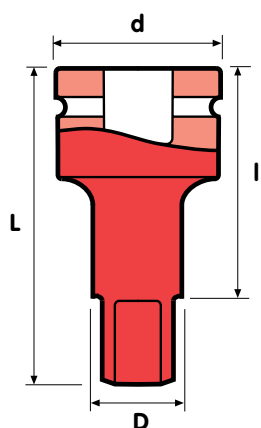
Part No	Ø mm	H mm	kg
IPAS:1	63	61	0,31
Innehåll / Content / Inhalt			
IPA14	IPA42	IPA29	

Part No	Ø mm	H mm	kg
IPAS:2	63	61	0,17
Innehåll / Content / Inhalt			
IPA01	IPA14	IPA42	

Förlängningar

Extensions

Verlängerungen






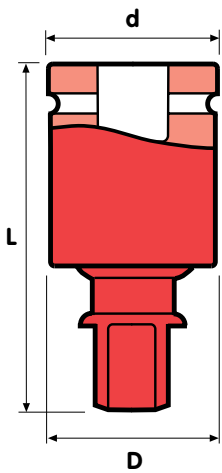
		Part No	Model	D mm	d mm	L mm	l mm	kg
1/4	1/4	EB00-2	A	8,2	13	51	43,5	0,03
1/4	1/4	EB00-6	A	8,2	13	153	145,5	0,07
3/8	3/8	EB11-2	A	12,4	21,25	51	40	0,07
3/8	3/8	EB11-3	A	12,4	21,25	76	65	0,10
3/8	3/8	EB11-4	A	12,4	21,25	102	91	0,12
3/8	3/8	EB11-5	A	12,4	21,25	127	116	0,16
3/8	3/8	EB11-6	A	12,4	21,25	152	141	0,16
3/8	3/8	EB11-10	A	12,4	21,25	254	243	0,27
3/8	3/8	EB11-12	A	12,4	22	305	294	0,43
1/2	1/2	EB44-2	A	16,6	29	51	35,5	0,15
1/2	1/2	EB44-3	A	16,6	29	76	60,5	0,20
1/2	1/2	EB44-4	A	16,6	29	102	86,5	0,24
1/2	1/2	EB44-5	A	16,6	29	127	111,5	0,27
1/2	1/2	EB44-6	A	16,6	29	152	136,5	0,32
1/2	1/2	EB44-10	A	16,6	29	254	238,5	0,50
1/2	1/2	EB44-12	A	16,6	29	305	289,5	0,50
5/8	5/8	EB88-6	A	20,7	35	152	135,7	0,50
5/8	5/8	EB88-10	A	20,7	35	254	237,7	0,80
3/4	3/4	EB22-4	B	25,1	44	102	79	0,61
3/4	3/4	EB22-7	B	25,1	44	178	155	0,90
3/4	3/4	EB22-10	B	25,1	44	254	231	1,19
3/4	3/4	EB22-13	B	25,1	44	330	307	1,50
3/4	3/4	EB22-15	B	25,1	44	381	358	1,50
1	1	EB99-4	B	33,5	54	102	74	0,95
1	1	EB99-7	B	33,5	54	178	150	1,46
1	1	EB99-10	B	33,5	54	254	226	2,00
1	1	EB99-13	B	33,5	54	330	302	2,50
1	1	EB99-15	B	33,5	54	381	353	2,85
1 1/2	1 1/2	EB55-7	B	49,5	84	178	138,7	3,70
1 1/2	1 1/2	EB55-10	B	49,5	84	254	214,7	4,90
1 1/2	1 1/2	EB55-13	B	49,5	84	330	290,7	5,10
1 1/2	1 1/2	EB55-15	B	49,5	84	381	341,7	6,70
2 1/2	2 1/2	EB66-7	B	83,5	137	178	122,4	11,00
2 1/2	2 1/2	EB66-10	B	83,5	137	254	198,4	14,70
2 1/2	2 1/2	EB66-13	B	83,5	137	330	274,4	18,00
2 1/2	2 1/2	EB66-15	B	83,5	137	384	328,4	20,00

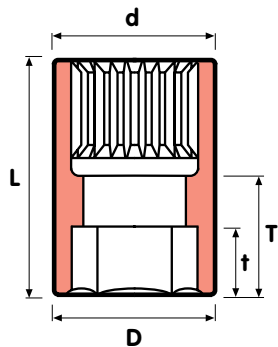
Universalknutar

Universal joints

Kugelgelenke

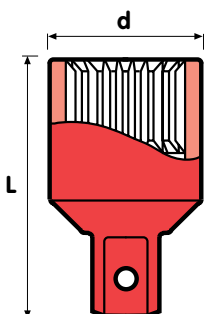
		Part No	Type	Model	D mm	d mm	L mm	 kg
1/4	1/4	UK00	1	A	17	13	43	0,04
3/8	3/8	UK11	1	A	23	22	62	0,11
1/2	1/2	UK44	1	A	28	26	76	0,20
5/8	5/8	UK88	2	A	38	35	70	0,31
3/4	3/4	UK22	2	B	46	44	90	0,59
1	1	UK99	2	B	60	54	113	1,22
1 1/2	1 1/2	UK55	2	B	84	84	166	3,75
2 1/2	2 1/2	UK66	2	B	137	141	280	18,00



Spline drive krafthylsor
Spline drive impact sockets
Spline drive Kraftsteckschlüssel-Einsätze
No. 5 Spline

Part No
**D
mm**
**d
mm**
**L
mm**
**t
mm**
**T
mm**
kg

30	7-30=1 3/16	48	60	80	17	38	1,00
32	7-32	50	60	80	19	38	1,00
33	7-33	53	60	80	19	38	1,00
34	7-34	54	60	80	20	38	1,00
36	7-36	57	60	80	20	38	1,00
37	7-37	58	60	80	21	38	1,15
38	7-38=1 1/2	59	60	80	21	38	1,15
41	7-41	64	60	80	23	38	1,08
43	7-43=1 11/16	66	60	100	24	58	1,48
46	7-46=1 13/16	72	60	100	25	58	1,42
47	7-47	74	60	100	26	58	1,44
50	7-50	78	60	100	28	58	1,70
52	7-52	80	60	100	30	58	1,80
55	7-55	84	60	100	30	58	2,00
56	7-56	84	60	100	30	58	2,10
60	7-60	90	80	110	35	68	2,20
65	7-65=2 9/16	97	80	120	35	78	2,70
70	7-70=2 3/4	103	80	120	40	78	3,00

1 3/16	7-30=1 3/16	48	60	80	17	38	1,00
1 1/2	7-38=1 1/2	59	60	80	21	38	1,15
1 11/16	7-43=1 11/16	66	60	100	24	58	1,48
1 13/16	7-46=1 13/16	72	60	100	25	58	1,42
2 9/16	7-65=2 9/16	97	80	120	35	78	2,70
2 3/4	7-70=2 3/4	103	80	120	40	78	3,00

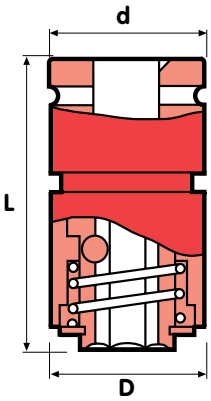
Spline övergångar
Spline drive adapters
Spline drive Übergangsstücke
No. 5 Spline

Part No
**d
mm**
**L
mm**
kg




1 5/8	1	PA79	60	89	0,85
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Snabbchuckar

Quick change chucks

Schnellwechselfutter



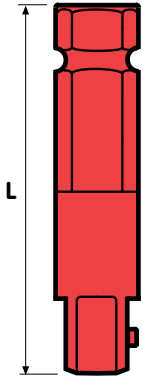
		Part No	D mm	d mm	L mm	 kg
1/4	1/4	SC0-1/4	12,6	19	40	0,07
3/8	1/4	SC1-1/4	12,6	22	46	0,1
3/8	7/16	SC1-7/16	21,9	29	55	0,23
1/2	1/4	SC4-1/4	12,6	25	54	0,12
1/2	7/16	SC4-7/16	21,9	29	55	0,24



Verktögsfästen

Power socket holders

Übergangsstücke



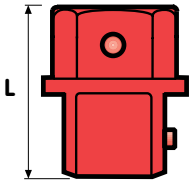
■	⬡	Part No	L mm	⚖ kg
1/4	1/4	0-024	51	0,02
1/4	1/4	0-034	76	0,02
1/4	1/4	0-044	102	0,04
1/4	1/4	0-064	152	0,06
3/8	1/4	1-024	51	0,02
3/8	1/4	1-034	76	0,03
3/8	1/4	1-044	102	0,04
3/8	1/4	1-064	152	0,06
1/2	1/4	4-024	51	0,03
1/2	1/4	4-034	76	0,04
1/2	1/4	4-044	102	0,05
1/2	7/16	4-036	76	0,07



Mellanstycken

Adapters


Zwischenstücke

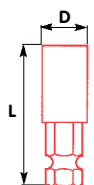



■	⬡	Part No	L mm	▲ kg
3/8	3/8	MS11	24	0,01
3/8	1/2	MS14	25	0,02
1/2	1/2	MS44	29,4	0,03




Hållare för insatsmejslar Hex shank bit holders Halter für Bits

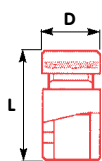
1/4" 




	Part No	D mm	L mm
1/4"	NM10R-1	11	57
1/4"	NM10A	11	62
1/4"	NM10A-3	11	100
1/4"	NM10A-5	11	150


Hållare för insatsmejslar Square drive bit holders Halter für Bits

1/4" 




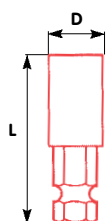
	Part No	D mm	L mm
1/4"	NM23A	12	50
3/8"	NM25A	19	50
1/2"	NM29A	25	38


5/16" 

	Part No	D mm	L mm
3/8"	NM26A	18,0	33
1/2"	NM27A	25,0	38


Magnetisk hållare för insatsmejslar Hex shank magnetic bit holders Magnetische Halter für Bits

1/4" 



	Part No	D mm	L mm
1/4"	M-10R	9,5	75
1/4"	M-10R-4	9,5	100
1/4"	M-10R-6	9,5	150
1/4"	M-10	11	75
1/4"	M-10-4	11	100
1/4"	M-10-6	11	150

Magnetisk hållare för insatsmejslar Hex shank magnetic bit holders Magnetische Halter für Bits

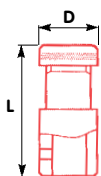
1/4" 

	Psrt No	D mm	L mm
1/4"	M-23	11	45
3/8"	M-25	11	50

Magnetisk hållare för insatsmejslar

Hex shank magnetic bit holders

Magnetische Halter für Bits

5/16" 

Part No

D
mmL
mm

3/8" M-26

18,0 65

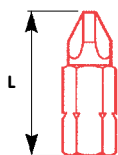

1/2" M-27

18,0 80

Phillips insatsmejslar

Phillips insert bits

Phillips Bits

1/4" 

Part No

L
mm

0 H000-PH0

25

1 H000-PH1

25

2 H000-PH2

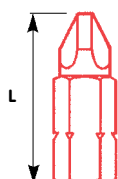
25

3 H000-PH3

25

4 H000-PH4

32

5/16" 

Part No

L
mm

1 H600-PH1

32

2 H600-PH2

32

3 H600-PH3

32

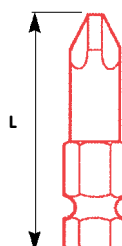

4 H600-PH4

32

Phillips insatsmejslar

Phillips insert bits

Phillips Einsatzklingen

1/4" 

Part No

L
mm

1 H100-PH1

50

1 H120-PH1

70

1 H130-PH1

90

1 H160-PH1

152

2 H100-PH2

50

2 H120-PH2

70

2 H130-PH2

90

2 H160-PH2

152

3 H100-PH3

50

3 H120-PH3

70

3 H130-PH3

89


3 H160-PH3

152

Pozidriv insatsmejslar

Pozidriv insert bits

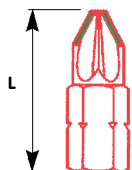
Pozidriv Bits

1/4" 



Part No

L
mm



1	H000-PZ1	25
2	H000-PZ2	25
3	H000-PZ3	25
4	H000-PZ4	32

Pozidriv maskinskruvmejslar

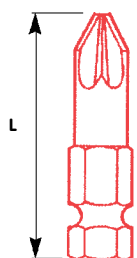
Pozidriv Power bits

Pozidriv Schraubendreherklingen

1/4"

Part No

L
mm




H100-PZ1	50
H120-PZ1	70
H130-PZ1	90
H160-PZ1	152
H100-PZ2	50
H120-PZ2	70
H130-PZ2	90
H160-PZ2	152
H100-PZ3	50
H120-PZ3	70
H130-PZ3	90
H160-PZ3	152

Insatsmejslar för spårskruv

Insert bits for slotted screws

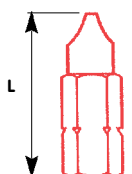
Bits für Schlitzschrauben

1/4" 



Part No

L
mm

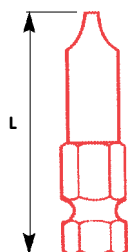



0,8x5,0	H001-5	25
1,0x6,0	H001-6	25
1,2x8,0	H001-8	25
1,6x10	H001-10	25

Maskin för spårskruv

Insert bits for slotted screws

Einsatzklingen für Schlitzschrauben

1/4" 

Part No

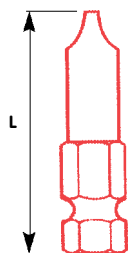

L
mm

0,5x3,0	H100-1	50
0,5x3,0	H120-1	70
0,5x3,0	H130-1	90
0,5x3,0	H160-1	152
0,6x3,5	H100-2	50
0,6x3,5	H120-2	70
0,6x3,5	H130-2	90
0,6x3,5	H160-2	152

Maskinskruvmejslar för spårskruv

Power bits for slotted screws

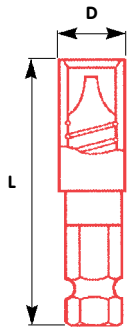

Einsatzklingen für Schlitzschrauben

1/4" 

Part No

L
mm

0,8x4,0	H100-3	50
0,6x4,0	H120-3	70
0,6x4,0	H130-3	90
0,6x4,0	H160-3	152
0,8x5,0	H100-4	50
0,8x5,0	H120-4	70
0,8x5,0	H130-4	90
0,8x5,0	H160-4	152
0,8x5,5	H100-5	50
0,8x5,5	H120-5	70
0,8x5,5	H130-5	102
0,8x5,5	H160-5	152
1,0x6,0	H100-6	50
1,0x6,0	H120-6	70
1,0x6,0	H130-6	90
1,0x6,0	H160-6	152
1,0x7,0	H100-8	50
1,0x7,0	H120-8	70
1,2x7,0	H130-8	90
1,2x7,0	H160-8	152
1,2x8,0	H100-10	50
1,2x8,0	H120-10	70
1,6x8,0	H130-10	90
1,2x8,0	H160-10	152
1,6x9,0	H100-12	50
1,6x9,0	H120-12	70
1,4x9,0	H130-12	152

1/4" 

Part No

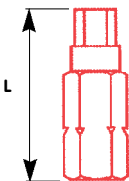
D
mmL
mm

0,9x5,4	CH139-5	11	95
1,0x6,0	CH139-6	11	90
1,1x7,0	CH139-8	13	95
1,5x8,0	CH139-10	16	75
1,3x10	CH139-12	16	100
0,8x5,0	CH-139-5	9	90
1,0x6,0	CH-139-6	11	90
1,2x7,0	CH-139-8	13	90
1,6x10	CH-139-10	15	90

Insex insatsmejslar

Allen head insert bits

Bits für Innensechskantschrauben

1/4" 

Part No

L
mm

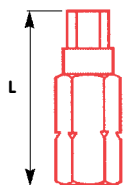
2	H000-S2mm	25
2,5	H000-S2,5mm	25
3	H000-S3mm	25
4	H000-S4mm	25
5	H000-S5mm	25
6	H000-S6mm	25
7	H000-S7mm	25
8	H000-S8mm	25




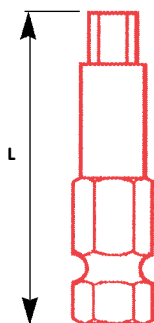
Part No

L
mm

1/16"	H000-S00	25
5/64"	H000-S0	25
3/32"	H000-S1	25
7/64"	H000-S1A	25
1/8"	H000-S2	25
9/64"	H000-S2A	25
5/32"	H000-S3	25
3/16"	H000-S4	25
7/32"	H000-S5	25
1/4"	H000-S6	25
5/16"	H000-S7	25
3/8"	H000-S8	25

Insex insatsmejslar
Allen head insert bits
Bits für Innensechskantschrauben
5/16" 

Part No
**L
mm**


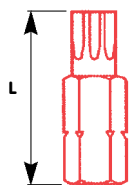
3	H600-S3mm	30
4	H600-S4mm	30
5	H600-S5mm	30
6	H600-S6mm	30
7	H600-S7mm	30
8	H600-S8mm	30
10	H600-S10mm	30

Insex maskinskruvmejslar
Allen head power bits
Schraubendreherklingen für Innensechskantschrauben
1/4" 

Part No
**L
mm**

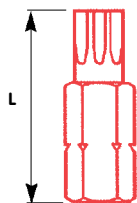
2	H100-S2mm	50
2,5	H100-S2,5mm	50
3	H100-S3mm	50
4	H100-S4mm	50
4	H150-S4mm	127
5	H100-S5mm	50
5	H150-S5mm	127
6	H100-S6mm	50
8	H100-S8mm	50
10	H100-S10mm	50


Part No
**L
mm**


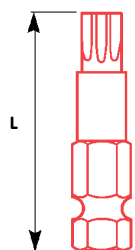
1/16"	H100-S00	50
5/64"	H100-S0	50
3/32"	H150-S1	50
1/8"	H100-S2	50
5/32"	H150-S3	50
3/16"	H100-S4	50
7/32"	H150-S5	50
1/4"	H100-S6	50

TORX insatsmejslar
TORX Insert bits
TORX Bits
1/4" 

Part No
**L
mm**


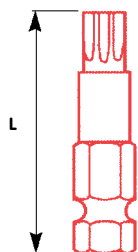
T6	H000-T6	25
T7	H000-T7	25
T8	H000-T8	25
T9	H000-T9	25
T10	H000-T10	25
T15	H000-T15	25
T20	H000-T20	25
T25	H000-T25	25
T27	H000-T27	25
T30	H000-T30	25
T40	H000-T40	25

5/16" 

Part No
**L
mm**


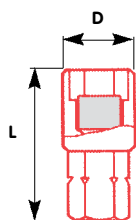
T30	H600-T30	35
T40	H600-T40	35
T45	H600-T45	35
T47	H600-T47	35
T50	H600-T50	35
T55	H600-T55	35

TORX maskinskruvmejslar
TORX Power bits
TORX Schraubendreherklingen
1/4" 

Part No
**L
mm**

T7	H100-T7	50
T8	H100-T8	50
T8	H120-T8	70
T8	H130-T8	90
T8	H160-T8	152
T9	H100-T9	50
T9	H120-T9	70
T9	H130-T9	90
T10	H100-T10	50
T10	H120-T10	70
T10	H130-T10	90
T10	H160-T10	152
T15	H100-T15	50
T15	H120-T15	70
T15	H130-T15	90

TORX maskinskruvmejslar
TORX Power bits
TORX Schraubendreherklingen
1/4" 

Part No
**L
mm**

T15	H160-T15	152
T20	H100-T20	50
T20	H120-T20	70
T20	H130-T20	90
T20	H160-T20	152
T25	H100-T25	50
T25	H120-T25	70
T25	H130-T25	90
T25	H160-T25	152
T27	H100-T27	50
T27	H120-T27	70
T27	H130-T27	90
T27	H160-T27	152
T30	H100-T30	50
T30	H120-T30	70
T30	H130-T30	90
T30	H160-T30	152
T40	H100-T40	50
T40	H120-T40	70
T40	H130-T40	90
T40	H160-T40	152

Magnetiska skruvhållare
Magnetic nutsetters insert
Magnetische Schraubenhalter
1/4" 

Part No
**D
mm**
**L
mm**

7	INSM7MM	12,7	30
8	INSM8MM	13,5	30
10	INSM10MM	14,5	30


Part No
**D
mm**
**L
mm**

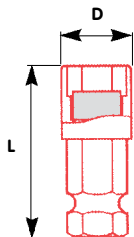
1/4"	INSM1/4	13,5	30
5/16"	INSM5/16	13,5	30
3/8"	INSM3/8	13,5	30

Magnetiska skruvhållare

Magnetic nutsetters insert

Magnetische Schraubenhalter

1/4" 



Part No

D mm L mm

5,5	PNSM5,5MM	12,0	41
7	PNSM7MM	13,5	45
8	PNSM8MM	13,5	45
10	PNSM10MM	14,5	45



Part No


D mm L mm

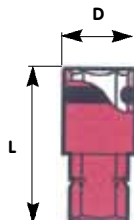
1/4"	PNSM1/4	11,1	41
5/16"	PNSM5/16	13,5	45
3/8"	PNSM3/8	14,5	45

Skruvhållare "Spring Grip"

Nutsetters insert "Spring Grip"

Schraubenhalter "Spring Grip"

1/4" 



Part No

D mm L mm

8	ISG8MM	14,0	34
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Part No


D mm L mm

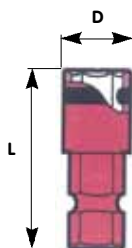
1/4"	ISG208	12	34
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Skruvhållare "Spring Grip"

Nutsetters insert "Spring Grip"

Schraubenhalter "Spring Grip"

1/4" 



Part No

D mm L mm

8	MSG8MM	14,0	45
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Part No

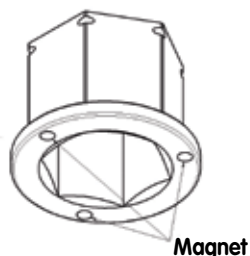
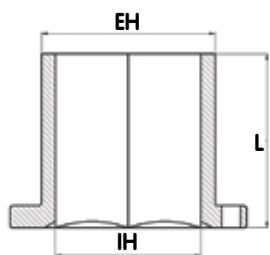
D mm L mm



1/4"	MSG208	12	45
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Reduceringshylsor

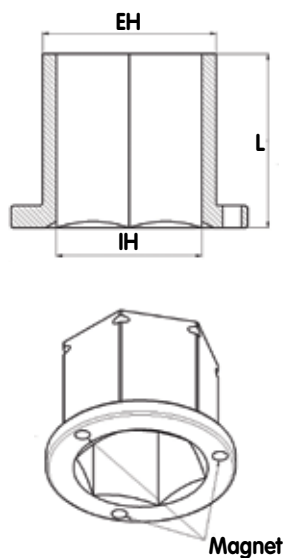
Reducing insert



6-kant-Reduziereinsatz





		Part No	L mm
41	36	RI45-41/36	45
41	32	RI45-41/32	45
41	30	RI45-41/30	45
46	41	RI45-46/41	45
46	36	RI45-46/36	45
46	32	RI45-46/32	45
50	46	RI45-50/46	45
50	41	RI45-50/41	45
50	36	RI45-50/36	45
55	50	RI45-55/50	45
55	46	RI45-55/46	45
55	41	RI45-55/41	45
60	55	RI45-60/55	45
60	50	RI45-60/50	45
60	46	RI45-60/46	45

		Part No	L mm
1 7/16"	1 1/4"	RI452001	45
1 5/8"	1 7/16"	RI452002	45
1 5/8"	1 1/4"	RI452003	45
1 13/16"	1 5/8"	RI452004	45
1 13/16"	1 7/16"	RI452005	45
2"	1 13/16"	RI452006	45
2"	1 5/8"	RI452007	45
2 3/16"	2"	RI452008	45
2-3/16"	1 13/16"	RI452009	45
2 3/8"	2 3/16"	RI452010	45
2 3/8"	2"	RI452011	45

Reduceringshylsor
Reducing insert
6-kant-Reduziereinsatz


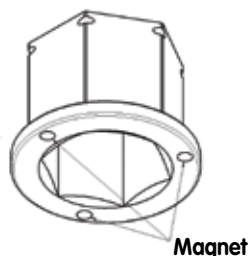
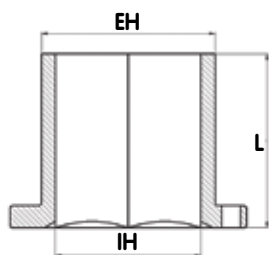
		Part No	L mm
41	36	RI55-41/36	55
50	46	RI55-50/46	55
50	41	RI55-50/41	55
50	36	RI55-50/36	55
55	50	RI55-55/50	55
55	46	RI55-55/46	55
55	41	RI55-55/41	55
60	55	RI55-60/55	55
60	50	RI55-60/50	55
60	46	RI55-60/46	55
65	60	RI55-65/60	55
65	55	RI55-65/55	55
65	50	RI55-65/50	55
70	65	RI55-70/65	55
70	60	RI55-70/60	55
70	55	RI55-70/55	55
75	70	RI55-75/70	55
75	65	RI55-75/65	55
75	60	RI55-75/60	55
80	75	RI55-80/75	55
80	70	RI55-80/70	55
80	65	RI55-80/65	55



		Part No	L mm
1 13/16"	1 5/8"	RI552001	55
2"	1 13/16"	RI552002	55
2"	1 5/8"	RI552003	55
2 3/16"	2"	RI552004	55
2 3/16"	1 13/16"	RI552005	55
2 3/8"	2 3/16"	RI552006	55
2 3/8"	2"	RI552007	55
2 9/16"	2 3/8"	RI552008	55
2 9/16"	2 3/16"	RI552009	55
2 3/4"	2 9/16"	RI552010	55
2 3/4"	2 3/8"	RI552011	55
2 15/16"	2 3/4"	RI552012	55
2 15/16"	2 9/16"	RI552013	55
3 1/8"	2 15/16"	RI552014	55
3 1/8"	2 3/4"	RI552015	55



Reduceringshylsor

Reducing insert

6-kant-Reduziereinsatz



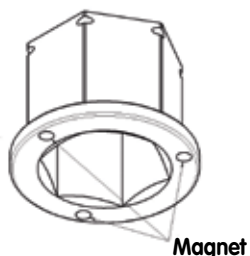
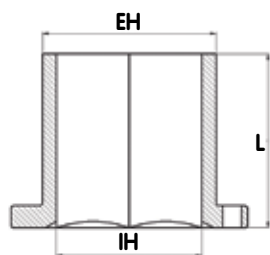
		Part No	L mm
55	50	RI70-55/50	70
55	46	RI70-55/46	70
55	41	RI70-55/41	70
60	55	RI70-60/55	70
60	50	RI70-60/50	70
60	46	RI70-60/46	70
65	60	RI70-65/60	70
65	55	RI70-65/55	70
65	50	RI70-65/50	70
70	65	RI70-70/65	70
70	60	RI70-70/60	70
70	55	RI70-70/55	70
75	70	RI70-75/70	70
75	65	RI70-75/65	70
75	60	RI70-75/60	70
80	75	RI70-80/75	70
80	70	RI70-80/70	70
80	65	RI70-80/65	70
85	80	RI70-85/80	70
85	75	RI70-85/75	70
85	70	RI70-85/70	70
90	85	RI70-90/85	70
90	80	RI70-90/80	70
90	75	RI70-90/75	70
95	90	RI70-95/90	70
95	85	RI70-95/85	70
95	80	RI70-95/80	70
100	95	RI70-100/95	70
100	90	RI70-100/90	70
100	85	RI70-100/85	70



		Part No	L mm
2 3/16"	2"	RI702001	70
2 3/16"	1 13/16"	RI702002	70
2 3/8"	2 3/16"	RI702003	70
2 3/8"	2"	RI702004	70
2 9/16"	2 3/8"	RI702005	70
2 9/16"	2 3/16"	RI702006	70
2 3/4"	2 9/16"	RI702007	70
2 3/4"	2 3/8"	RI702008	70
2 15/16"	2 3/4"	RI702009	70



Reduceringshylsor

Reducing insert

6-kant-Reduziereinsatz



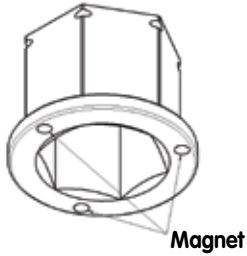
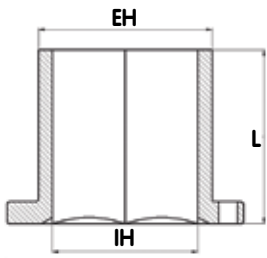
		Part No	L mm
2 15/16"	2 9/16"	RI702010	70
3"	2 3/4"	RI702011	70
3"	2 9/16"	RI702012	70
3 1/8"	2 15/16"	RI702013	70
3 1/8"	2 3/4"	RI702014	70
3 3/8"	3"	RI702015	70
3 3/8"	2 15/16"	RI702016	70
3 1/2"	3 1/8"	RI702017	70
3 1/2"	3"	RI702018	70
3 3/4"	3 1/2"	RI702019	70
3 3/4"	3 3/8"	RI702020	70
3 7/8"	3 1/2"	RI702021	70
3 7/8"	3 3/8"	RI702022	70



		Part No	L mm
80	75	RI85-80/75	85
80	70	RI85-80/70	85
80	65	RI85-80/65	85
85	80	RI85-85/80	85
85	75	RI85-85/75	85
85	70	RI85-85/70	85
90	85	RI85-90/85	85
90	80	RI85-90/80	85
90	75	RI85-90/75	85
95	90	RI85-95/90	85
95	85	RI85-95/85	85
95	80	RI85-95/80	85
100	95	RI85-100/95	85
100	90	RI85-100/90	85
100	85	RI85-100/85	85
105	100	RI85-105/100	85
105	95	RI85-105/95	85
105	90	RI85-105/90	85
110	105	RI85-110/105	85
110	100	RI85-110/100	85
110	95	RI85-110/95	85
115	110	RI85-115/110	85
115	105	RI85-115/105	85
115	100	RI85-115/100	85
120	115	RI85-120/115	85
120	110	RI85-120/110	85



Reduceringshylsor

Reducing insert

6-kant-Reduziereinsatz



		Part No	L mm
120	105	RI85-120/105	85
125	120	RI85-125/120	85
125	115	RI85-125/115	85
125	110	RI85-125/110	85
130	125	RI85-130/125	85
130	120	RI85-130/120	85
130	115	RI85-130/115	85




		Part No	L mm
3 1/8"	2 15/16"	RI852001	85
3 1/8"	2 3/4"	RI852002	85
3 3/8"	3 1/8"	RI852003	85
3 3/8"	3"	RI852004	85
3 1/2"	3 1/8"	RI852005	85
3 1/2"	3"	RI852006	85
3 3/4"	3 1/2"	RI852007	85
3 3/4"	3 3/8"	RI852008	85
3 7/8"	3 1/2"	RI852009	85
3 7/8"	3 3/8"	RI852010	85
4 1/8"	3 7/8"	RI852011	85
4 1/8"	3 3/4"	RI852012	85
4 1/4"	3 7/8"	RI852013	85
4 1/4"	3 3/4"	RI852014	85
4 5/8"	4 1/4"	RI852015	85
4 5/8"	4 1/8"	RI852016	85
5"	4 5/8"	RI852017	85
5"	4 1/4"	RI852018	85

Låsinnar för krafthylsor

Locking pins for power sockets

Sicherungsstifte für Kraftsteckschlüssel

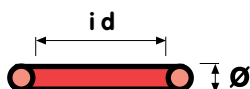





			Part No	L mm	Ø mm	 kg
1/4" (0)			4-14 P-10	10	1,5	0,001
3/8" (1)			6-19 P-16	16	3	0,001
			21-24 P-20	20	4	0,001
1/2" (4)			10-14 P-20	20	4	0,001
			15-30 P-25	25	4	0,001
			32-36 P-34	34	4	0,004
5/8" (8)			14-36 P-30	30	4	0,002
3/4" (2)			16-65 P-34	34	4	0,004
			19-52 P-45	45	5	0,007
1" (9)			55-70 P-54	54	5	0,008
			75-100 P-65	65	5	0,011
			35-90 P-74	74	6	0,016
2 1/2" (6)			95-155 P-90	90	6	0,020
			60-115 P-125	125	8	0,050
3 1/2" (12)			120-255 P-145	145	8	0,065
			105-175 P-175	175	12	0,155
			180-255 P-210	210	12	0,185

O-ringar för krafthylsor

Retaining rings for power sockets

O-Ringe für Kraftsteckschlüssel



			Part No	i d mm	Ø mm	 kg
1/4" (0)			4-14 R-9	9	2,5	0,001
3/8" (1)			6-12 R-16	16	3,5	0,001
			13-19 R-19	19	3,5	0,001
1/2" (4)			21-24 R-24	24	3,5	0,001
			10-14 R-19	19	4	0,001
			15-30 R-24	24	4	0,002
5/8" (8)			32-36 R-36	36	4	0,003
			14-36 R-28	28	4	0,002
3/4" (2)			16-65 R-36	36	5	0,003
			19-52 R-45	45	7	0,007
1" (9)			55-70 R-54	54	7	0,011
			75-100 R-68	68	10	0,026
			35-90 R-75	75	10	0,030
2 1/2" (6)			95-155 R-90	90	12	0,060
			60-115 R-125	125	12	0,070
3 1/2" (12)			120-255 R-148	147	12	0,120
			105-175 R-185	185	14	0,140
			180-255 R-220	220	14	0,170

Låspinnar för tillbehör

Locking pins for accessories

Sicherungsstifte für Zubehör

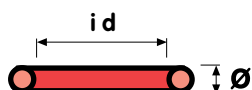


		Part No	L mm	Ø mm	kg
1/4" (0)	1/4" - 3/8"	P-10	10	1,5	0,001
3/8" (1)	1/4" - 1/2"	P-16	16	3	0,001
1/2" (4)	3/8" - 1/2"	P-20	20	4	0,001
	5/8" - 3/4"	P-25	25	4	0,001
5/8" (8)	1/2" - 3/4"	P-30	30	4	0,002
3/4" (2)	1/2" - 1"	P-34	34	4	0,004
1" (9)	3/4" - 1"	P-45	45	5	0,007
	1 1/4" - 1 1/2"	P-54	54	5	0,008
1 1/4" (3)	1"	P-54	54	5	0,008
	1 1/2"	P-65	65	6	0,014
1 1/2" (5)	1" - 1 1/2"	P-74	74	6	0,016
	2 1/2"	P-90	90	6	0,020
2 1/2" (6)	1 1/2" - 2 1/2"	P-125	125	8	0,050

O-ringar för tillbehör

Retaining rings for accessories

O-Ringe für Zubehör



		Part No	i d mm	Ø mm	kg
1/4" (0)	1/4" - 3/8"	R-9	9	2,5	0,001
3/8" (1)	1/4" - 1/2"	R-16	16	3,5	0,001
1/2" (4)	3/8"	R-19	19	3,5	0,001
	1/2" - 3/4"	R-24	24	3,5	0,002
		R-22			0,001
5/8" (8)	1/2" - 3/4"	R-28	28	4	0,002
3/4" (2)	1/2" - 1"	R-36	36	5	0,003
1" (9)	3/4" - 1"	R-45	45	7	0,007
	1 1/4" - 1 1/2"	R-54	54	7	0,011
1 1/4" (3)	1"	R-54	54	7	0,011
	1 1/2"	R-68	68	10	0,026
1 1/2" (5)	1" - 1 1/2"	R-75	75	10	0,030
	2 1/2"	R-90	90	12	0,030
2 1/2" (6)	1 1/2" - 2 1/2"	R-125	125	12	0,070

Två universalknutar stämmer inte med tabellen ovan. De ska ha följande O-ringar:

UK 11 R - 19
UK 44 R - 22

Two universal joints do not fit in the table above. They need these retaining rings:

UK 11 R - 19
UK 44 R - 22

Zwei Kugelgelenke passen nicht in diese Tabelle. Dafür brauchen Sie folgende O-Ringe:

UK 11 R - 19
UK 44 R - 22

Ett annat sätt att säkra verktyget är Ret Ring, som är pinne och ring i ett stycke.

Information på nästa sida.

Another way of securing the tool is Ret Ring, which combines ring and pin in one unit.

Details on the next page.

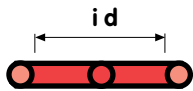
Mit Ret Ring, eine Kombination von Stift und Ring, kann das Werkzeug auch gesichert werden.




Information auf der nächsten Seite.

Ret ringar för krafthylsor

Ret rings for power sockets

Ret Ringe für Kraftsteckschlüssel

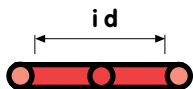





			Part No	i d mm	 kg
3/8" (1)		6-12	RR37567	17	0,001
		13-20	RR37575	19	0,001
		21-24	RR50095	24,1	0,001
1/2" (4)		10-14	RR50087	22,1	0,001
		15-30	RR50105	26,7	0,001
		31-36	RR50145	36,8	0,001
5/8" (8)		14-36	RR37512	30,5	0,001
3/4" (2)		16-65	10032S	36,8	0,001
1" (9)		19-52	10008S	44	0,005
		53-70	10015S	54	0,010
		75-100	10019S	66,7	0,010
1 1/2" (5)		35-90	10020S	73	0,015
		95-155	10025S	86	0,020

Ret ringar för tillbehör

Ret rings for accessories

Ret Ringe für Zubehör



			Part No	i d mm	 kg
3/8" (1)		1/4" - 1/2"	RR37575	19	0,001
1/2" (4)		1/4" - 3/8"	RR50087	22,1	0,001
		1/2" - 3/4"	RR50105	26,7	0,001
5/8" (8)		1/2" - 3/4"	RR37512	30,5	0,001
3/4" (2)		1/2" - 1 1/2"	10032S	36,8	0,001
1" (9)		1/2" - 1"	10008S	44	0,001
		1 3/4" - 1 1/2"	10015S	54	0,005
1 1/4" (3)		3/4" - 1"	10015S	54	0,005
		1 1/2"	10019S	66,7	0,010
1 1/2" (5)		3/4" - 1 1/4"	10020S	73	0,015

En universalknut stämmer inte med tabellen ovan. Den ska ha följande Ret Ring:

UK 44 RR 50087

One universal joint does not fit in the table above. It needs this Ret Ring:

UK 44 RR 50087

Ein Kugelgelenk passt nicht in diese Tabelle. Dafür brauchen Sie folgenden Ret Ring:

UK 44 RR 50087

Ett sätt att säkra verktyget är Ret Ring, som är pinne och ring i ett stycke.








One way of securing the tool is Ret Ring, which combines ring and pin in one unit.

Mit Ret Ring, eine Kombination von Stift und Ring, kann das Werkzeug gesichert werden.

Tum - millimeter		Inch - millimeter				Zoll - Millimeter			
------------------	--	-------------------	--	--	--	-------------------	--	--	--

"		0"	1"	2"	3"	4"	5"	6"	7"
---	--	----	----	----	----	----	----	----	----

1/32	1/10000	mm	mm	mm	mm	mm	mm	mm	mm
			25,3995	50,7990	76,1986	101,598	126,998	152,397	177,797
1/32	0,0313	0,7937	26,1932	51,5928	76,9923	102,391	127,791	153,190	178,590
1/16	0,0625	1,5874	26,9870	52,3865	77,7860	103,185	128,585	153,984	179,384
3/32	0,0938	2,3812	27,7807	53,1802	78,5798	103,979	129,378	154,788	180,177
1/8	0,125	3,1749	28,5744	53,9740	79,3735	104,773	130,172	155,572	180,971
5/32	0,1563	3,9686	29,3682	54,7677	80,1672	105,566	130,966	156,365	181,765
3/16	0,1875	4,7624	30,1619	55,5614	80,9610	106,360	131,760	157,159	182,559
7/32	0,2188	5,5561	30,9556	56,3552	81,7547	107,154	132,553	157,953	183,352
1/4	0,25	6,3498	31,7494	57,1489	82,5485	107,948	133,347	158,747	184,146
9/32	0,2813	7,1436	32,5431	57,9426	83,3422	108,741	134,141	159,540	184,940
5/16	0,3125	7,9373	33,3368	58,7364	84,1359	109,535	134,935	160,335	185,734
11/32	0,3438	8,7310	34,1306	59,5301	84,9297	110,329	135,728	161,128	186,527
3/8	0,375	9,5248	34,9243	60,3239	85,7234	111,122	136,522	161,922	187,321
13/32	0,4063	10,3185	35,7180	61,1176	86,5171	111,916	137,316	162,715	188,115
7/16	0,4375	11,1122	36,5118	61,9113	87,3109	112,710	138,109	163,509	188,909
15/32	0,4688	11,9060	37,3055	62,7051	88,1046	113,504	138,903	164,303	189,702
1/2	0,5	12,6997	38,0993	63,4988	88,8983	114,297	139,697	165,097	190,496
17/32	0,5313	13,4934	38,8930	64,2925	89,6921	115,091	140,491	165,890	191,290
9/16	0,5625	14,2872	39,6867	65,0863	90,4858	115,885	141,284	166,684	192,084
19/32	0,5938	15,0809	40,4805	65,8800	91,2795	116,679	142,078	167,478	192,877
5/8	0,625	15,8747	41,2742	66,6737	92,0733	117,472	142,872	168,271	193,671
21/32	0,6563	16,6684	42,0679	67,4675	92,8670	118,266	143,666	169,065	194,465
11/16	0,6875	17,4621	42,8617	68,2612	93,6608	119,060	144,459	169,859	195,258
23/32	0,7188	18,2559	43,6554	69,0549	94,4545	119,854	145,253	170,653	196,052
3/4	0,75	19,0496	44,4491	69,8487	95,2482	120,647	146,047	171,446	196,846
25/32	0,7813	19,8433	45,2429	70,6424	96,0419	121,441	146,841	172,240	197,640
13/16	0,8125	20,6371	46,0366	71,4362	96,8357	122,235	147,634	173,034	198,433
27/32	0,8438	21,4308	46,8303	72,2299	97,6294	123,029	148,428	173,828	199,227
7/8	0,875	22,2245	47,6241	73,0236	98,4232	123,822	149,222	174,621	200,021
29/32	0,9063	23,0183	48,4178	73,8173	99,2169	124,616	150,016	175,415	200,815
15/16	0,9375	23,8120	49,2116	74,6111	100,011	125,410	150,809	176,209	201,608
31/32	0,9688	24,6057	50,0053	75,4048	100,804	126,203	151,603	177,003	202,402

Gänga - nyckelvidd		Thread - A/F size		Gewinde - Schlüsselweite			
							
	mm		mm	UNC	"	SAE	"
M 2	4	M 27	41	1/4	7/16	1/4	7/16
M 2.3	4.5	M 30	46	5/16	1/2	5/16	1/2
M 2.6	5	M 33	50	3/8	9/16	3/8	9/16
M 3	5.5	M 36	55	7/16	11/16	7/16	5/8
M 3.5	6	M 39	60	1/2	3/4	1/2	3/4
M 4	7	M 42	65	9/16	7/8	9/16	7/8
M 5	8	M 45	70	5/8	15/16	5/8	15/16
(M 5-6)	9	M 48	75	3/4	1 1/8	3/4	1 1/16
M 6	10	M 52	80	7/8	1 5/16	7/8	1 1/4
M 7	11	M 56	85	1	1 1/2	1 1/8	1 7/16
M 8	13	M 60	90	1 1/8	1 11/16	1 1/4	1 13/16
(M 8)	14	M 64	95	1 1/4	1 7/8	1 3/8	2
M 10	16	M 68	100	1 3/8	2 1/16	1 1/2	2 3/16
(M 10)	17	M 72	105	1 1/2	2 1/4		
M 12	18	M 76	110	1 3/4	2 5/8		
(M 12)	19	M 80	115	2	3		
M 14	21	M 85	120	2 1/4	3 3/8		
(M 14)	22	M 90	130	2 1/2	3 3/4		
M 16	24	M 95	135				
M 18	27	M 100	145				
M 20	30	M 105	150				
(M 22)	32	M 110	155				
M 22	34	M 115	165				
M 24	36	M 120	170				

Foot-Pound - Newton-Meter

lbf-ft	0	1	2	3	4	5	6	7	8	9
0		1.4	2.7	4.1	5.4	6.8	8.1	9.5	10.9	12.2
10	13.6	14.9	16.3	17.6	19.0	20.3	21.7	23.1	24.4	25.8
20	27.1	28.5	29.8	31.2	32.5	33.9	35.3	36.6	38.0	39.3
30	40.7	42.0	43.4	44.8	46.1	47.5	48.8	50.2	51.5	52.9
40	54.2	55.6	57.0	58.3	59.7	61.0	62.4	63.7	65.1	66.4
50	67.8	69.2	70.5	71.9	73.2	74.6	75.9	77.3	78.7	80.0
60	81.4	82.7	84.1	85.4	86.8	88.1	89.5	90.9	92.6	93.6
70	94.9	96.3	97.6	99.0	100.3	101.7	103.1	104.4	105.8	107.1
80	108.5	109.8	111.2	112.6	113.9	115.3	116.6	118.0	119.3	120.7
90	122.0	123.4	124.8	126.1	127.5	128.8	130.2	131.5	132.9	134.2
100	135.6	137.0	138.3	139.7	141.0	142.4	143.7	145.1	146.5	147.8

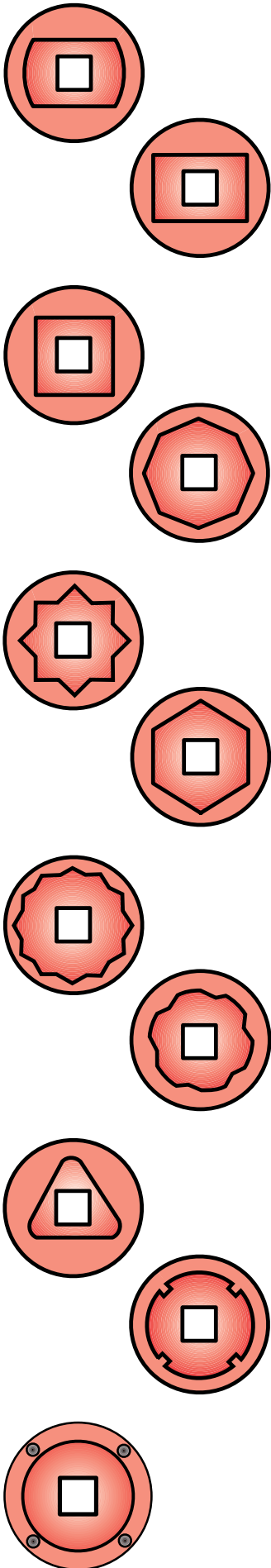
Newton-Meter - Foot-Pound

Nm	0	1	2	3	4	5	6	7	8	9
0		0.7	1.5	2.2	3.0	3.7	4.4	5.2	5.9	6.6
10	7.4	8.1	8.9	9.6	10.3	11.1	11.8	12.5	13.3	14.0
20	14.8	15.5	16.2	17.0	17.7	18.5	19.2	19.9	20.7	21.4
30	22.1	22.9	23.6	24.4	25.1	25.8	26.6	27.3	28.0	28.8
40	29.5	30.3	31.0	31.7	32.5	33.2	34.0	34.7	35.4	36.2
50	36.9	37.6	38.4	39.1	39.9	40.6	41.3	42.1	42.8	43.5
60	44.3	45.0	45.8	46.5	47.2	48.0	48.7	49.5	50.2	50.9
70	51.7	52.4	53.1	53.9	54.6	55.4	56.3	56.8	57.6	58.3
80	59.0	59.8	60.5	61.2	62.0	62.7	63.5	64.2	64.9	65.7
90	66.4	67.2	67.9	68.6	69.4	71.1	70.9	71.6	72.3	73.1
100	73.8	74.5	75.3	76.0	76.8	77.5	78.2	79.0	79.7	80.4

Kilopond-Meter - Newton-Meter

kpm	0	1	2	3	4	5	6	7	8	9
0		9.8	19.6	29.4	39.2	49.0	58.8	68.7	78.5	88.3
10	98.1	107.9	117.7	127.5	137.3	147.1	156.9	166.7	176.5	186.3
20	196.1	205.9	215.8	225.6	235.4	245.2	255.0	264.8	274.6	284.4
30	294.2	304.0	313.8	323.6	333.4	343.2	353.0	362.9	372.7	382.5
40	392.3	402.1	411.9	421.7	431.5	441.3	451.1	460.9	470.7	480.5
50	490.3	500.1	510.0	519.8	529.6	539.4	549.2	559.0	568.8	578.6
60	588.4	598.2	608.0	617.8	627.6	637.4	647.2	657.0	666.9	676.7
70	686.5	696.3	706.1	715.9	725.7	735.5	745.3	755.1	764.9	774.7
80	784.5	794.3	804.1	814.0	823.8	833.6	843.4	853.2	863.0	872.8
90	882.6	892.4	902.2	912.0	921.8	931.6	941.4	951.2	961.1	970.9
100	980.7	990.5	1 000.3	1 010.1	1 019.9	1 029.7	1 039.5	1 049.3	1 059.1	1 068.9





Här och på följande sidor visas några få exempel på verktyg tillverkade för enskilda kunders speciella behov.

Here and on the following pages a few specimen of tools manufactured to meet the requirements of individual customers can be seen.

Hier und auf den folgenden Seiten erscheinen Beispiele einiger Spezialwerkzeuge, die nach den Wünschen einzelner Kunden hergestellt worden sind.

