

No. 758

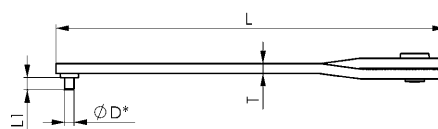
Adjustable pin wrench

Size 7-40 with riveted pins, from size 11-60 with pins electrically welded. Special steel, **blued**.



Order no.	A	dia. D*	L1	L	T	Weight [g]
40477	7 - 40	1,5	2	115	3	40
40485	7 - 40	2,0	2,5	115	3	40
40493	7 - 40	2,5	3	115	3	40
40618	11 - 60	3	4	160	4	140
40626	11 - 60	4	5	160	4	140
40634	11 - 60	5	6	160	4	140
40758	14 - 100	5	6	215	6	300
40766	14 - 100	6	7	215	6	300
40774	14 - 100	8	8	215	6	300
40899	22 - 125	8	8	260	6	500
40907	22 - 125	10	10	260	6	500
40915	22 - 125	12	12	260	6	500

* Pin diameter = nominal diameter -0.1mm (tolerance class h12).



Recommendations



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No. 758NI

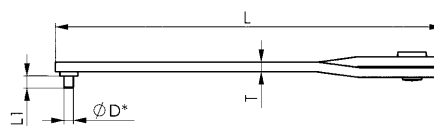
Adjustable pin wrench stainless steel

with electrically welded pins.



Order no.	A	dia. D*	L1	L	T	Weight [g]
50500	11 - 60	3	4	162	4	115
50526	11 - 60	4	5	162	4	115

* Pin diameter = nominal diameter -0.1 mm (tolerance class h12)



Recommendations



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Subject to technical alterations.

No. 758S

Adjustable pin wrench set

with replaceable, hardened pin in two-component box, black-orange. Keys: Special steel, **zinc-plated**.



Order no.	A	Pin dia.	Box L x W x H	Weight [g]
50427	8-100	1.5, 2, 2.5, 3, 4	165 x 87 x 36	335

Application:

Ideal for mechanics, maintenance and service technicians, at the workbench and for do-it-yourselfers.

Advantage:

The adjustable face spanner set replaces 5 individual key sizes. The exchangeable pins (2 per size) are clearly stored in 2 separate boxes. The robust 2-component box protects the keys and the pins, and everything is always accessible.

Recommendations



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No. 758CC

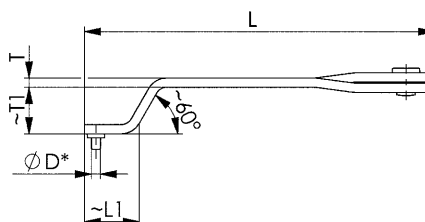
Adjustable pin wrench, cranked

with electrically welded pins. Special steel, hardened and **blued**.



Order no.	A	dia. D*	L	L1	T	T1	Weight [g]
50914	11-60	3	153	24	4	20	120
50922	11-60	4	153	24	4	20	120
50930	14-90	5	205	31	6	27	310
50948	14-90	6	205	31	6	27	310

* Pin diameter = nominal diameter -0.1mm (tolerance class h12).



Recommendations



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Subject to technical alterations.

No. 764

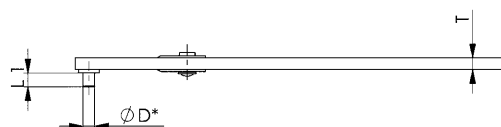
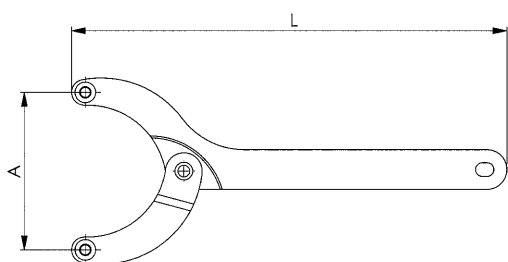
Hinged pin wrench

with electrically welded pins. With hole for hanging up.
Special steel, **blued**.



Order no.	A	dia. D*	L	L1	T	Weight [g]
41038	18- 40	3	150	4	5	100
41046	18- 40	4	150	5	5	100
41053	40- 80	4	220	5	6	265
41061	40- 80	5	220	6	6	265
41079	40- 80	6	220	7	6	265
41087	80-125	6	295	7	8	650
41095	80-125	7	295	7,5	8	650
41103	80-125	8	295	8	8	650
41111	125-200	8	405	8	10	1590
41129	125-200	10	405	10	10	1590

* Pin diameter = nominal diameter -0.1 mm (tolerance class h12)



Recommendations



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No. 764CC

Hinged pin wrench, offset

Replaceable, hardened pins (version AZ).
Special steel, hardened and **blued**

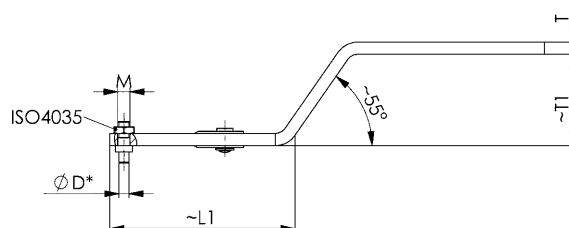
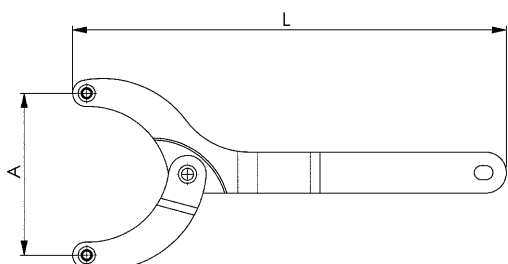


Order no.	A	dia. D*	Suitable for 764AZ4 ØD*	M	L	L1	T	T1	Weight [g]
51011	18 - 40	-	3 + 4	M4	158	57	5	33	110
51029	40 - 80	-	4 + 5 + 6 + 7 + 8	M6	215	92	6	45	280
51037	80 - 125	-	4 + 5 + 6 + 7 + 8	M6	290	130	8	63	680
51052	18 - 40	3	-	M4	158	57	5	33	114
51060	18 - 40	4	-	M4	158	57	5	33	114
51078	40 - 80	4	-	M6	215	92	6	45	290
51086	40 - 80	5	-	M6	215	92	6	45	290
51094	40 - 80	6	-	M6	215	92	6	45	295
51102	80 - 125	6	-	M6	290	130	8	63	695
51110	80 - 125	8	-	M6	290	130	8	63	700

* Pin diameter = nominal diameter -0.1 mm (tolerance class h12)

Note:

Ideal accessory for sizes 40 - 80 and 80 - 125: assortment box with loose pins (no. 764ZB-M6)



Recommendations



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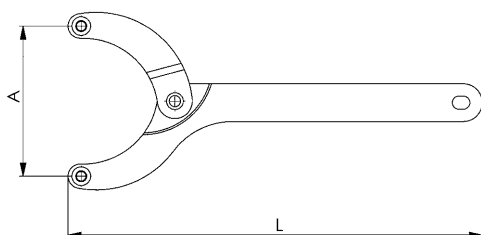
No. 764ZB-M6,
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Subject to technical alterations.

No. 764AZ

Hinged pin wrench

with replaceable, hardened pins (version AZ), fully assembled.
With hole for hanging up. Special steel, hardened and **blued**.

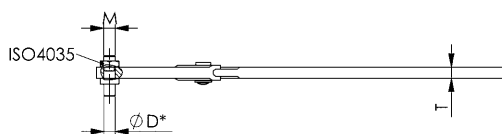


Order no.	A	dia. D*	M	L	T	Weight [g]
40998	18 - 40	3	M4	150	5	100
41004	18 - 40	4	M4	150	5	100
41012	40 - 80	4	M6	220	6	265
41020	40 - 80	5	M6	220	6	265
41137	40 - 80	6	M6	220	6	265
41145	80 - 125	6	M6	295	8	650
41152	80 - 125	7	M6	295	8	650
41160	80 - 125	8	M6	295	8	650
41277	125-200	8	M8	405	10	1590
41285	125-200	10	M8	405	10	1590

* Pin diameter = nominal diameter -0,1 mm (tolerance class h12)

Note:

Ideal accessory for sizes 40 - 80 and 80 - 125: assortment box with loose pins (no. 764ZB-M6)



Recommendations



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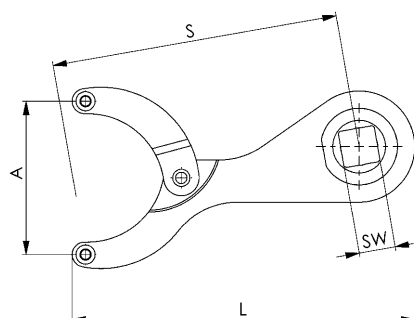


No. 764ZB-M6,
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No. 764Md

Hinged pin wrench with torque wrench socket

Replaceable, hardened pins (version AZ).
Special steel, hardened and **blued**.
Drive: square socket



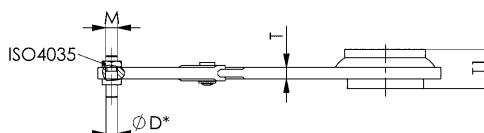
Order no.	A	Drive SW [inch]	dia. D*	Suitable for 764AZ4 ØD*	M	L	S	T	T1	Weight [g]
50096	18-40	1/2	-	3 + 4	M4	120	100	5	16,0	150
50104	40-80	3/4	-	4 + 5 + 6 + 7 + 8	M6	180	150	6	20,5	440
50112	80-125	3/4	-	4 + 5 + 6 + 7 + 8	M6	250	220	8	20,5	780
50146	18-40	1/2	4	-	M4	120	100	5	16,0	155
50161	40-80	3/4	5	-	M6	180	150	6	20,5	450
50179	40-80	3/4	6	-	M6	180	150	6	20,5	455
50187	80-125	3/4	6	-	M6	250	220	8	20,5	795
50195	80-125	3/4	8	-	M6	250	220	8	20,5	800

* Pin diameter = nominal diameter -0,1 mm (tolerance class h12)

Note:

The set value for the torque wrench is dependant on insertion dimension „S“.
The operating manual provided with your torque wrench contains the requisite information and calculation formulae.

Ideal accessory for sizes 40 - 80 and 80 - 125: assortment box with loose pins (no. 764ZB-M6)



No. 764ZB-M6

Assortment box with loose pins

For flexible socket wrench no. 764AZ and 764Md
2 pins each per size, incl. nuts in a clearly arranged assortment
box.

Loose pin no. 764AZ4: special steel, hardened and blued.

Assortment box: transparent, reclosable



Order no.	Pin dia.	Nut (DIN439)	Usage 764AZ/764Md/764CC	Box L x W x H	Weight [g]
50666	4-5-6-7-8	10 x M6	40-80 / 80-125	90 x 65 x 20	95

* Pin diameter = nominal diameter -0.1 mm; tolerance class h12.

Application:

Ideal for maintenance and service technicians, at the workbench and for do-it-yourselfers.

Recommendations



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No. 764AZ,
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No. 764AZ4

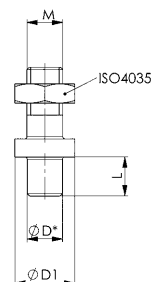
Loose pin with nut

for nos. 764AZ, 764CC and 764Md pin wrenches with
replaceable pins. Special steel, hardened and blued.



Order no.	dia. D*	dia. D1	L	M	Usage 764AZ/764Md/764CC	Weight [g]
47795	3	5,5	4,0	M 4	18-40	2
47803	4	7,0	5,0	M 4	18-40	2
50328	4	8,5	4,5	M 6	40-80 / 80-125	3
47787	5	8,5	5,5	M 6	40-80 / 80-125	5
47845	6	10,0	6,5	M 6	40-80 / 80-125	7
47852	7	11,0	7,0	M 6	40-80 / 80-125	8
47860	8	12,0	7,5	M 6	40-80 / 80-125	9
47878	8	12,0	7,5	M 8	125-200	14
47886	10	15,0	9,5	M 8	125-200	19

* Pin diameter = nominal diameter -0.1 mm (tolerance class h12)



DIN 3116

Wrench for 2 hole nuts

Special steel, **zinc-plated**.
With electrically welded pins.



Order no.	Form	A	dia. D	L	L1	T	T1	Weight [g]
50997	A	30	4	164	5	4	-	85
44685	A	35	5	180	6	5	-	120
44669	C	35	5 *	200	6	5	50	200

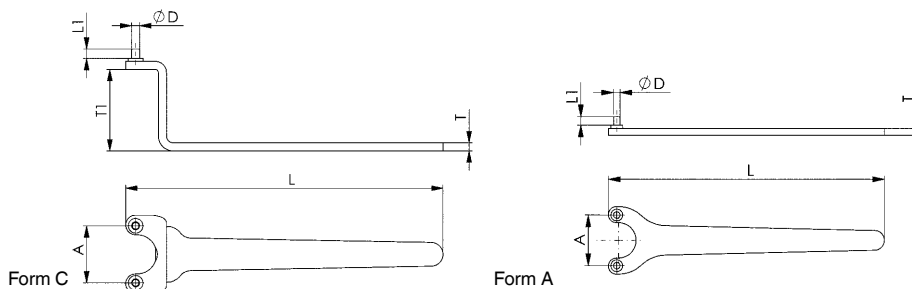
* Size not included in DIN, dimensions similar to DIN

Application:

Size 35 for flange nut DIN 44716-D of angle grinder DIN 44706 for clamping grinding and cutting-off wheels.

Note:

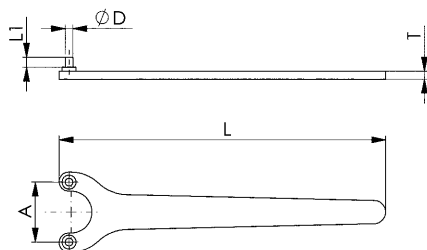
* Pin diameter = nominal diameter -0.1 mm (tolerance class h12)



DIN 3116A

Wrench for 2 hole nuts

Special steel, **blued**.
With electrically welded pins.



Order no.	Form	A	dia. D	L	L1	T	Weight [g]
44453	A	13	2,5	90	3	3	27
44461	A	15	3	90	3,5 *	3	27
44479	A	20 *	3	122	4	4	50
44628	A	20	4	122	5	4	50
44636	A	25	3	137	4	4	65
44487	A	25 *	4	137	5	4	65
44495	A	30	4	164	5	4	85
44503	A	35 *	4	180	5	5	120
44644	A	35	5	180	6	5	120
44511	A	40	4	167	5	5	120
44529	A	45	4	187	5	5	145
44537	A	50	5	198	6	5	175
44545	A	60	5	213	6	6	220
44552	A	75	6	243	7	6	330
44560	A	90	7	270	7,5	6	410

* Size not included in DIN, dimensions similar to DIN

Application:

Sizes 13 and 15 for M8 and M10 two-hole nuts according to DIN 547.
Size 35 x 5 (order no. 44644) for flange nuts of angle grinders.

Note:

Ø D Pin diameter = nominal dimension -0.1 mm; tolerance class h12
size 13 and 15 with riveted pins, without recess between the pins.

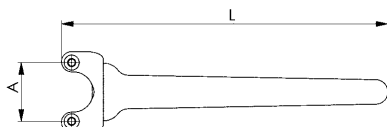
On request:

Zinc-plated on request.

DIN 3116C

Wrench for 2 hole nuts

Special steel, **blued**.
With electrically welded pins.



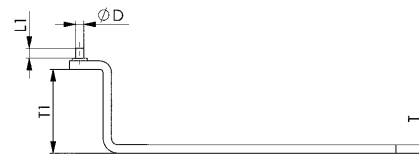
Order no.	Form	A	dia. D	L	L1	T	T1	Weight [g]
44651	C	18	3	140	4	4	15	95

Application:

This wrench is used for adjusting timing belt tensioners (AUDI, VW).

Note:

* Pin diameter = nominal diameter -0.1 mm (tolerance class h12)



Subject to technical alterations.

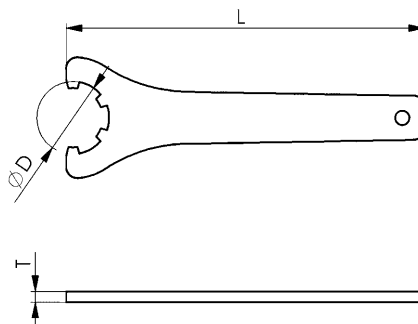
No. 250

Collet chuck key

for collet chuck nuts (ER) to DIN 6499.

Special steel, hardened and **zinc-plated**. With hole for hanging up.

Order no.	Size	DIN 6499D (Size)	D	L	T	Weight [g]
52233	16	16	32	163	4	125
52241	20	20	35	183	5	190
52258	25	25	42	203	6	255
52266	32	32	50	253	6	359
52274	40	40	63	285	6	480
52290	50	-	78	350	7	810



Recommendations



No. 250K,
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No. 250Md

Key for collet chuck with torque wrench socket

for chuck nuts (ER) to DIN 6499.

Drive 1/2" square socket with ball-engagement groove.

Special steel, hardened and **zinc-plated**.

Order no.	Size	D	L	S	SW [inch]	T	T1	Weight [g]
52316	16	32	69	45	1/2	5	16	140
52308	25	42	85	60	1/2	6	16	200
52324	32	50	85	60	1/2	6	16	215
52340	40	63	85	60	1/2	6	16	220

Advantage:

Controlled tightening prevents damage to spindle changing tools on a machine.

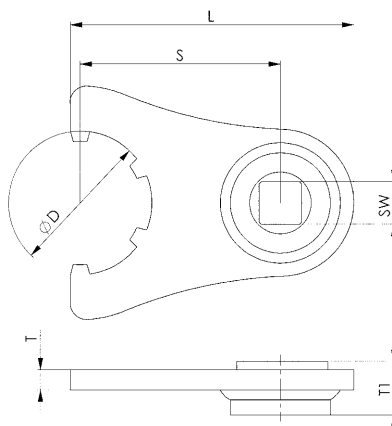
Note:

The set value for the torque wrench is dependant on insertion dimension „S“.

The operating manual provided with your torque wrench contains the requisite information and calculation formulae.

On request:

Other sizes available.



Recommendations



No. 771Md,
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No. 902Md

Open ring spanner with torque-wrench fitting

Fits hook end 6540H.

(AMF chain clamping set 6540)

For hexagon clamping nuts.

Drive 1/2" square socket with ball-engagement groove.

Special steel, hardened and **zinc-plated**.



Order no.	SW	L	S	SW1 [inch]	T	T1	Weight [g]
52514	36	101	60	1/2	7	16	255
52522	46	108	60	1/2	8	16	340

Advantage:

Ideally adapted for the controlled actuation of the hook end 6540-12 and 6540-16 of the chain clamping set.

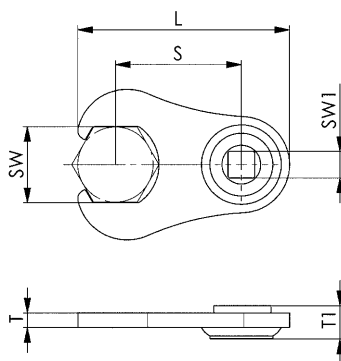
Note:

The set value for the torque wrench is dependant on insertion dimension „S“.

The operating manual provided with your torque wrench contains the requisite information and calculation formulae.

On request:

SW 65 fits clip no. 6540H - size M20/M24 available on request.



SW36 / SW46

Recommendations



DIN 894,
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No. 902Md-25

Open-ended spanner with torque wrench socket

for clamping nuts. Drive 1/2" square socket with ball-engagement groove. Special steel, hardened and zinc-plated.



Order no.	SW	L	S	SW1 [inch]	T	T1	Weight [g]
52506	25	78	45	1/2	6	16	170

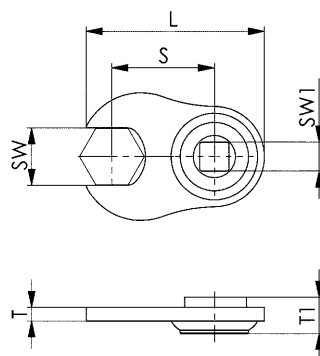
Advantage:

Controlled tightening prevents damage to spindle changing tools on a machine.

Note:

The set value for the torque wrench is dependant on insertion dimension „S“.

The operating manual provided with your torque wrench contains the requisite information and calculation formulae.

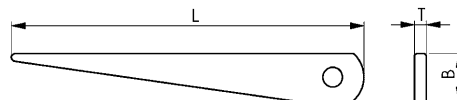


DIN 317

Drill drift

to DIN 228. Special steel, hardened and **blued**.

Order no.	Size	for tapers Morse	for tapers Metric	B x T	L	Weight [g]
40147	0	0	4 + 6	12x 3	90	14
40154	1	1 + 2	-	20x 5	140	70
40162	3	3	-	25x 7	190	150
40170	4	4	-	30x10	225	310
40188	5	5 + 6	-	35x15	265	650



Recommendations



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DIN 6368,
page 61

No. 318

Drill drift, semi-automatic for morse tapers

Special steel, hardened and **blued**.

Grip: powder-coated, red. With finger protection!!

Order no.	Size	for tapers Morse	Length [mm]	Weight [g]
40220	1 - 3	1 - 3	330	370
40238	4 - 6	4 - 6	380	530

Advantage:

- One-hand operation
- Pressure on the lever moves a gear rack between two opposing wedges (the other hand holds the tool to prevent it falling).
- Releasing tools using the **semi-automatic drift** helps prevent spindle damage.



Recommendations



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No. 960,
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No. 960

Socket wrench for coolant tubes HSK-A

(Hollow cone to DIN 69893)

Blade: Special steel, hardened and **zinc-plated**.

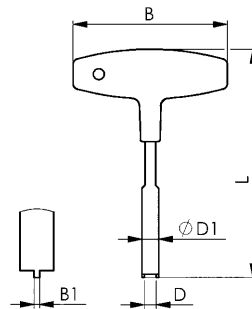
Grip: impact-resistant plastic (cadmium-free), black.



Order no.	Size = HSK-A	B	B1	D	D1	L	Weight [g]
47894	32	80	1,4	6,1	8,5	115	50
47902	40	80	1,9	8,1	10,5	115	60
47910	50	80	1,9	10,1	14,5	115	75
47928	63	100	2,4	12,2	16,5	133	125
47936	80	100	2,4	14,2	18,5	133	135
47944	100	100	2,9	16,2	22,0	133	165

On request:

On request with advertising or company imprint.



Recommendations



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No. 250K

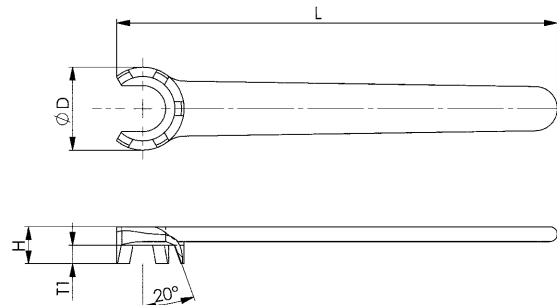
Collet chuck key (Mini)

for clamping nuts (ER).

Hardened tempered steel, in **black oxide finish**.



Order no.	Size	for nuts-Ø	for nuts	D	H	L	T1	Weight [g]
52407	ER 8-M	12	M10 x 0,75	13	7,0	75	3,0	14
52415	ER 11-M	16	M13 x 0,75	17	9,5	95	4,5	30
52423	ER 16-M	22	M19 x 1,0	23	10,0	115	5,0	50
52431	ER 20-M	28	M24 x 1,0	29	10,5	130	5,5	61
52449	ER 25-M	35	M30 x 1,0	35	11,0	143	6,0	78



Recommendations



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Subject to technical alterations.

DIN 6368

Wrench for milling arbor screws

for tightening milling arbor screws to DIN 6367.
Special steel, hardened and **blued**.



Recommendations



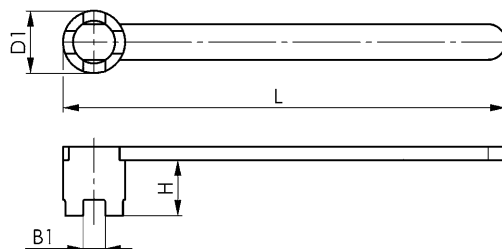
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Order no.	Size	for DIN 6367	B1	D1	H	L	Weight [g]
44727	13	M 6	6,1	18	16	160	75
44735	16	M 8	8,1	22	20	180	110
44743	22	M10	10,1	28	25	200	200
44750	27	M12	12,1	35	32	225	400
44768	32	M16	16,1	42	36	250	570
44776	40	M20	20,2	52	40	280	800
44784	50	M24	24,2	63	45	315	1100
44792	60	M30	28,2	76	50	355	1750

The size given here is the diameter of the mandrel on the milling arbor.



DIN 6367

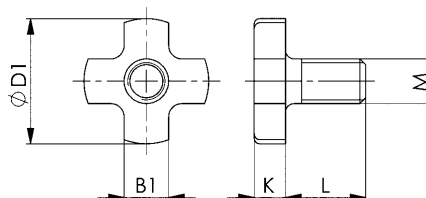
Milling arbor screws for the mandrel on the milling arbor

for use with the wrench for milling arbor screws to DIN 6368.
Tempered to strength class 10.9



Order no.	Size	M	B1	D1	K	L	Weight [g]
557104	16	M8	8	20	6	16	17
557105	22	M10	10	28	7	18	35
557107	27	M12	12	35	8	22	60
557111	32	M16	16	42	9	26	110
557112	40	M20	20	52	10	30	190

The size given here is the diameter of the mandrel on the milling arbor.



No. 6367

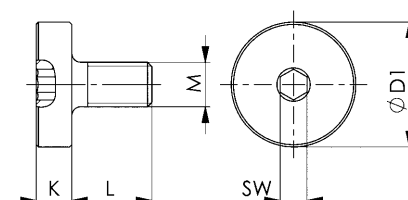
Milling arbor screws for the mandrel on the milling arbor with hexagon socket

Tempered to strength class 10.9



Order no.	Size	M	D1	K	L	SW	Weight [g]
557113	16	M8	20	7	16	5	23
557114	22	M10	28	8	18	6	50
557115	27	M12	35	9	22	8	85
557116	32	M16	42	10	26	10	145
557117	40	M20	52	11	30	12	250

The size given here is the diameter of the mandrel on the milling arbor.



Recommendations



ISO 2936LD,
page 15

DIN 22417A

Triangular socket spanner

Steel. Body and tommy bar zinc-plated.

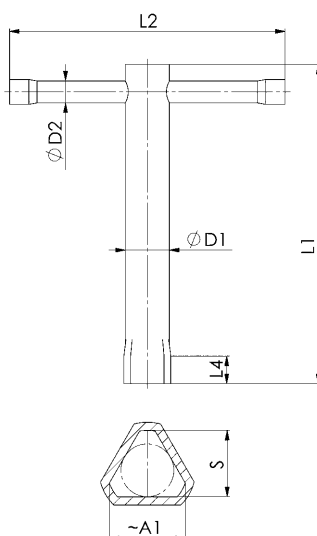


Order no.	Size	L1 x D1	L2 x D2	L4	A1	S	Weight [g]
44354	M 4	90x 9	50x 4	4	7,7	6,80	20
44362	M 5	100x12	65x 6	5	9,4	8,30	30
44370	M 6	115x14	80x 6	6	11,4	10,05	60
44388	M 8	125x16	100x 8	8	13,7	12,05	80
44396	M10	140x20	125x 8	10	17,1	15,05	160
44404	M12	160x20	160x10	12	18,9	16,55	240
44412	M16	180x25	200x12	16	23,5	20,55	400

The size refers to the screw diameter.

Application:

These spanners are intended for triangular-head screws to DIN 22424 and nuts to DIN 22425. The M12 size is suitable for installing and removing steel and aluminium access-denial posts.



Recommendations



DIN 7417,
page 64

DIN 905

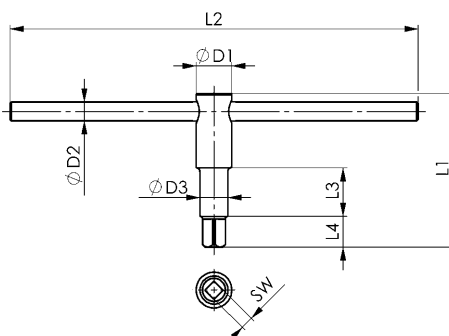
Screwdriver for square drive bolts

Special steel, body and tommy bar hardened and **blued**. Tommy bar pressed in.



Order no.	SW	D1	D2	D3	L1	L2	L3	L4	Weight [g]
41988	(4)	12,0	6,0	6	60	160	20	9	70
41996	5	12,0	6,0	8	60	160	20	11	70
42002	6	12,0	6,0	10	80	160	22	12	80
42010	(7)	14,6	6,0	12	80	160	26	15	115
42028	8	16,0	9,0	14	80	180	26	15	180
42036	9	16,0	9,0	14	80	180	26	17	180
42044	10	20,0	11,0	18	100	200	30	18	320
42051	11	20,0	11,0	18	100	200	30	20	320
42069	12	24,0	12,0	20	100	250	38	21	450
42077	13	24,0	12,0	20	100	250	38	22	450
42085	14	28,0	14,6	22	120	320	38	24	780
42093	17	34,0	16,0	25	160	400	50	28	1500
42101	19	36,0	16,0	28	200	400	50	30	1850
42119	22	42,0	20,0	32	200	630	65	34	3100

() DIN extended



Recommendations



No. 960,
page 60

Subject to technical alterations.



- + Fully automatic cleaning of the fixture and the complete inside space of the machine
- + Removes from employees the burden of disliked and unproductive tasks



- + Economical marking of workpieces directly in the machine tool
- + Reduces throughput times of parts in production



DIN 7417

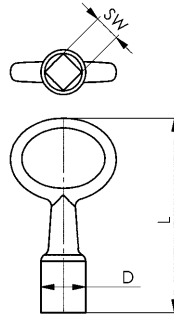
Square socket key

Die-cast zinc.



Order no.	SW	D	L	Weight [g]
56002	6	11	55	18
56010	7	13	52	20
56028	8	14	58	24
56044	10	18*	68	40

* similar to DIN.



Recommendations



No. 914Q

Square socket spanner with T-grip

Blade: CHROME-VANADIUM, hardened and **matt chromium-plated**.

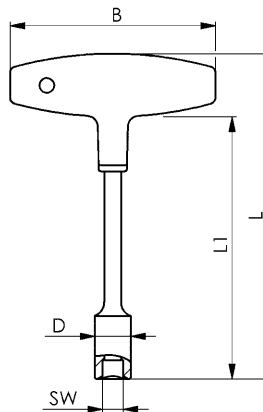
Handle: impact-resistant plastic (cadmium-free).



Order no.	SW	L1	B	D	L	Weight [g]
44115	8	125	100	16	155	140
44123	10	125	100	17	155	150

On request:

Other lengths and executions on request. On request with advertising or company imprint.



Recommendations



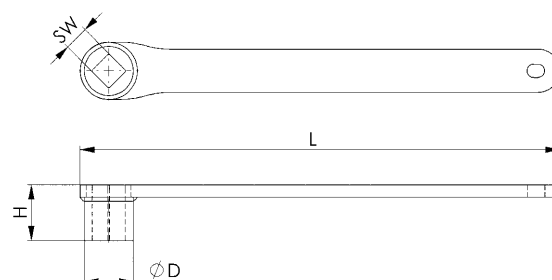
No. 248

Square ring spanner

Special steel, hardened and **blued**. Continuous square socket.



Order no.	SW	D	H	L	Weight [g]
40022	8	17	20,0	160	85
40030	10	21	22,5	195	165
40048	12	24	26,5	235	275
40105	13	26	27,5	250	300
40055	14	27	30,5	270	420
40063	17	30	37,0	315	530
40071	19	35	41,0	345	715
40089	22	39	46,0	385	900
40097	24	43	49,0	415	975



Recommendations



DIN 894,
page 66



DIN 6368,
page 61

Subject to technical alterations.

DIN 904

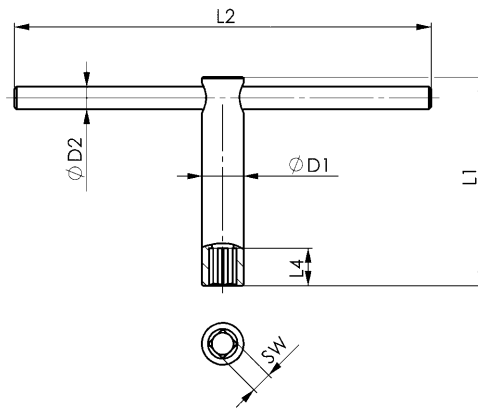
Square socket spanner

Special steel, body and tommy bar hardened and **blued**. Tommy bar pressed in.



Order no.	SW	D1	D2	L1	L2	L4	Weight [g]
41665	4	12,0	6,0	60	160	11	85
41673	5	12,0	6,0	60	160	11	85
41681	6	12,0	6,0	80	160	12	100
41699	7	14,6	6,0	80	160	15	130
41707	8	16,0	9,0	80	180	15	180
41715	9	18,0	9,0	100	180	18	245
41723	10	20,0	11,0	100	200	18	340
41731	12	24,0	12,0	100	250	21	520
41749	13	24,0	12,0	100	250	22	520
41756	14	28,0	14,6	120	320	24	875
41764	17	34,0	16,0	160	400	28	1625
41772	19	36,0	16,0	200	400	30	2035
41780	22	42,0	18,0	200	500	34	2900
41798	24*	45,0	20,0	250	630	36	4270

* Contrary to DIN, shaft is not bored.



Recommendations



No. 248, page 64

DIN 904L

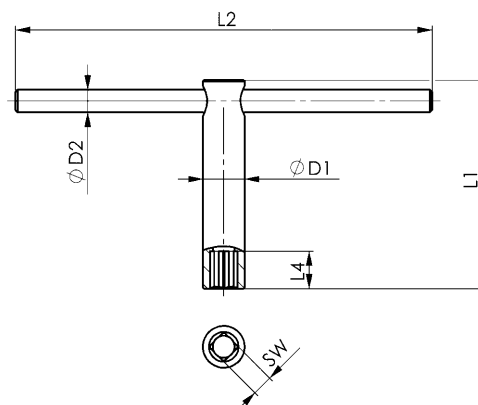
Square socket spanner

long version. Special steel, body and tommy bar hardened and **blued**. Tommy bar pressed in.



Order no.	SW	D1	D2	L1	L2	L4	Weight [g]
41848	5	12	6,0	120	160	11	100
41855	6	12	6,0	160	160	12	110
41863	8	16	9,0	160	180	15	210
41871	9	18	9,0	200	200	18	390
41889	10	20	11,0	200	200	18	390
41897	12	24	12,0	200	250	21	600
41905	13	24	12,0	200	250	22	600
41913	14	28	14,6	200	320	24	795
41921	17*	34	16,0	250	400	28	1500
41939	19*	36	16,0	320	400	30	1700

* Contrary to DIN, shaft is not bored.



Recommendations



No. 714T-6D, page 66

DIN 894

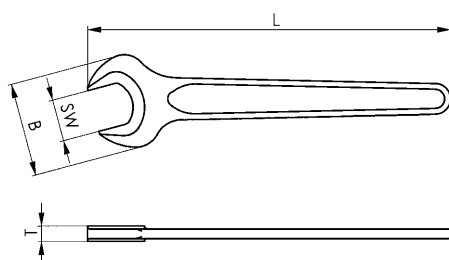
Open-ended spanner, single-ended

Special steel forging, jaws machined, angle of jaws 15°, hardened and phosphated.



Order no.	SW	Thread metric	B	L	T	Packaging unit	Weight [g]
53579	8	5	19	100	4	10	15
53595	10	6	22	105	5	10	22
53611	12	-	26	125	5	10	31
53629	13	8	29	130	5	10	37
53645	17	10*	36	160	6	10	81
53520	18	12	39	160	7	10	89
53652	19	12*	40	175	7	10	98
53660	22	14*	46	195	8	10	139
53678	24	16	50	215	9	10	165
53686	27	18	56	235	10	10	210
53694	30	20	62	260	11	10	290
53702	32	22*	67	275	12	10	333
53710	36	24	74	300	13	10	500

* Size not according to DIN ISO 272.



Recommendations



No. 902Md, page 58

No. 714

Open-ended spanners, double-ended, thin version

CHROME-VANADIUM, hardened and nickel-plated. Jaws machined to ISO 691-1.

Order no.	SW	L	T	Weight [g]
51326	3x 3,5	120	1,5	8
51342	4x 4,5	120	1,5	8
51367	5x 5,5	120	1,5	8
51383	6x 6,5	120	1,5	8
51391	7x 8,0	125	2,0	18
51409	9x10,0	125	2,0	21



No. 714T-6D

Open-ended spanners, double-ended, thin version

in plastic tool roll, 6-piece set.

Order no.	Contents	Weight [g]
51524	3x3.5, 4x4.5, 5x5.5, 6x6.5, 7x8, 9x10	90



The table shows the across-flat (A/F) sizes of metric Withworth and BSP threads:

SW	3	3,2	3,5	4	4,5	5	5,5	6	6,5	7	8	9	10
Metric thread size [mm] (ISO 272)	1,2 1,4	1,6	1,8	2,0	2,3	2,5	3,0	3,5	-	4,0	5,0	-	6,0
Woodscrews [mm] (DIN 571)	-	-	-	-	-	-	-	-	-	4,0	5,0	-	6,0
Sheetscrews [mm] (ISO 1479, DIN 6928)	-	2,2	-	2,9	-	-	3,5 3,9	-	3,5 3,9	4,2	4,8 5,5	-	6,3

Subject to technical alterations.

DIN 14822

Coupling wrench for fire hydrant couplings

Case-hardened steel, **zinc-plated**. All sharp edges broken. Grip with cold protection. Stamped DIN 14822-ABC (or BC).

Order no.	Form	Lug spacing	for Storz	L	A	B	Weight [g]
45344	ABC	66-133	52-75-110	400	25	8	685
45336	BC	66-89	52-65-75	280	20	6	290

On request:

Special versions to old standard.

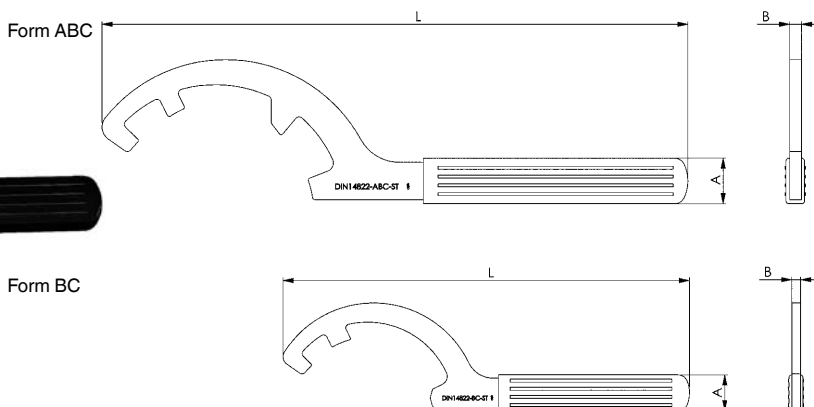


Recommendations



DIN 1810AD,
page 44

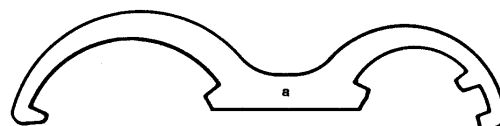
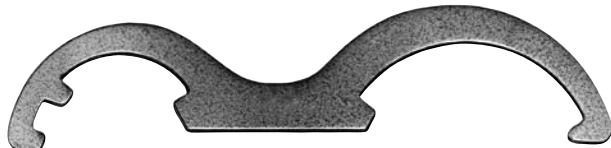
Form BC



No. 14822

Special-Coupling wrench for fire hydrant couplings

On request, we can supply special versions.



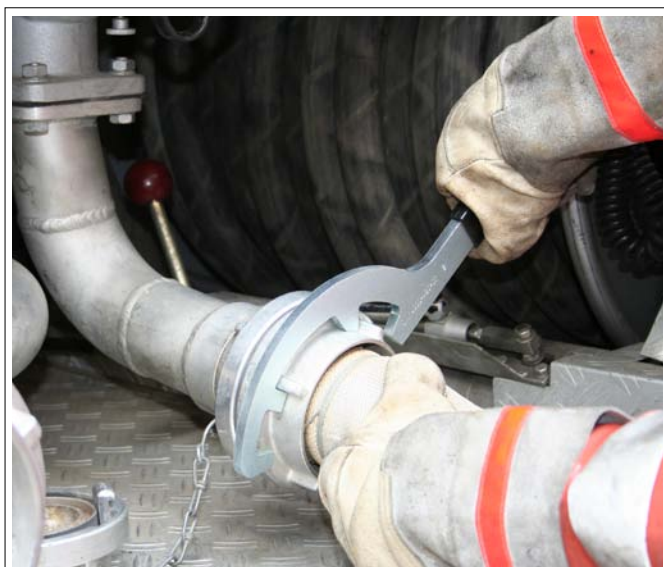
Form ABC



Form BC



Form C



Subject to technical alterations.

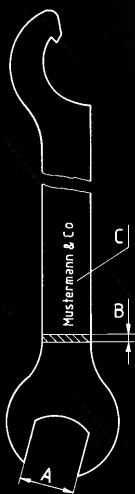
THE MANUFACTURE OF SPECIAL HANDTOOLS TO CUSTOMERS' INDIVIDUAL REQUIREMENTS IS AN AMF SPECIALITY.

Special screwdrivers and spanners (tools for screws) can be conceived and designed and made economically from existing tools based on the extensive AMF product offering. They are then modified according to your wishes. A drawing or sketch plus the desired quantity are enough to start.

Project fabrications to your requirements in different forms and versions.
Top quality for a long working life.
From the specialist for the specialist!

Please formulate your enquiry as precisely as possible.
A response will be sent to you as quickly as possible.
The information we need from you is shown in the following list::

- 1) DIN designation or drawing no.
- 2) Quantity.
- 3) Across-flats size and angle of jaws (A).
- 4) Material:
special steel, CrV steel or stainless steel.
- 5) Execution of edges:
punch-rounded, broken by buffing, edge ground etc.
- 6) Thickness of spanner (B).
- 7) Strength requirements:
hardened or unhardened.
- 8) Surface finish:
blued, nickel-plated or zinc-plated.
- 9) Marking (C):
company name, size, description.
- 10) For hook wrenches:
hook form, pin diameter.
- 11) For pin spanners:
pin spacing and diameter.
- 12) Delivery date.



Subject to technical alterations.

No. 902

Open-ended spanner, single-ended

stamped from steel sheet. Material, thickness, strength properties and other details to your specification.



			 *	Minimum order quantity
3/3,2/3,5/4 4,5/5 5,5/6 7/8 9/10 11/12 13/14 15/16/17	65 75 75 92 100 115 135 145	11 15 15 18 21 24 30 35	1 - 2 1 - 2 1 - 3 2 - 4 2 - 4 2,5 - 5 3 - 6 3 - 6	100
18/19/20 21/22/23 24/25/26 27/28 30/32/34	175 195 215 235 260	42 48 54 58 66	3 - 6 4 - 8 4 - 8 4 - 8 4 - 10	50
36/41	310	84	5 - 10	25
46/50 55	385 375	102 120	5 - 10 5 - 10	10 10
60 65 70	385 385 390	120 120 140	5 - 10	10
75 80 85	410 420 445	150 158 172	5 - 10	5
90 95 100	450 465 470	180 190 200	5 - 10	5
105 110 115	500 500 510	200 210 225	6 - 12	2
120 130 135	530 560 585	235 252 265	6 - 12	2
145 150 155	595 620 620	280 280 300	7 - 15	2
165 175 180	680 690 690	330 340 355	7 - 15	2
185 190 200	700 730 740	360 360 380	7 - 15	2

* Optimum thickness range.

No. 685

Open-ended spanner, single-ended,

short form



			 *	Minimum order quantity
8/9 10/11/12 13/14/15 16/17	85 93 98 100	22 26 30 37	2 - 4 2 - 4 2,5 - 5 2,5 - 5	100
18/19 20/21/22/23/24 25/26/27/28	100 120 130/180	40 47 55	2,5 - 5 3 - 6 3 - 6	50
30/32 36	140 160	66 74	4 - 8 4 - 8	25
41 46 50 55 60	170 185 185 195 208	84 96 96 106 120	5 - 10 5 - 10 5 - 10 5 - 10 5 - 10	10
65 70 75 80 85 90 95 100 105	218 245 255 275 275 280 305 310 310	125 135 142 150 170 180 185 200 205	6 - 12	5
110 115 120	330 355 360	216 235 235	7 - 15	
130 135 145 150	370 385 420 500	250 250 280 315	10 - 20	

* Optimum thickness range.

Subject to technical alterations.

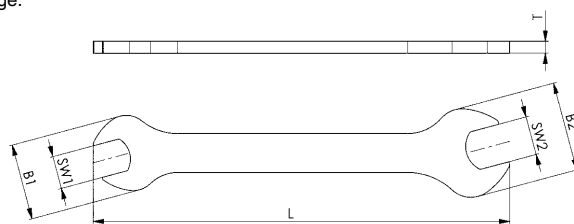
No. 658

Open-ended spanner, double-ended

Across-flat pairings to your specification

SW1 x SW2	L	B1	B2	T *	Minimum order quantity
3,2 x 4,0 4,0 x 5,0 5,0 x 5,5	60 75 85	8,0 9,5 11,0	10 11 14	1,5 - 2 1,5 - 2 2 - 4	50
5,5 x 7,0 8,0 x 9,0 8,0 x 10,0	100 110 125	14,0 18,0 20,0	18 20 23	2 - 4 2 - 4 2,5 - 5	50
11 x 13 13 x 16 16 x 18	140 160 175	25,5 29,0 34,0	30 34 38	3 - 6	50 50 25
18 x 21 21 x 24 24 x 27	220 225 250	38,0 45,0 50,0	45 50 58	4 - 8 4 - 8 5 - 10	25
27 x 30 30 x 34 36 x 41	285 305 330	58,0 65,0 74,0	65 70 84	5 - 10 5 - 10 6 - 12	25

* Optimum thickness range.



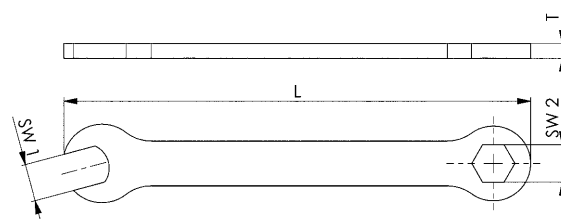
No. 3113

Combination wrench

Across-flat pairings to your specification

SW1 x SW2	L	T *	Minimum order quantity
3,2 x 4,0 4,0 x 5,0 5,0 x 5,5	90	1,5 - 2 1,5 - 2 2 - 4	50
5,5 x 7,0 7,0 x 8,0 8,0 x 10,0	100 110 125	2 - 4 2 - 4 2 - 5	50 50 25
10 x 11 10 x 13 11 x 13	125	2 - 5	25
13 x 16 16 x 18	150	5 - 7	25

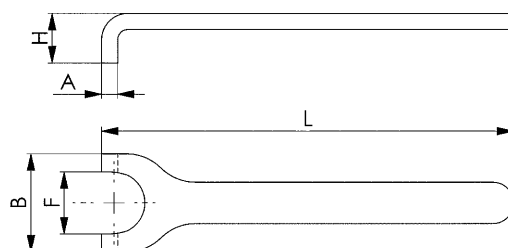
* Optimum thickness range.



DIN 3115

Spanner for nuts with slotted face, form B

Nuts size	A	B	F	H	L	Minimum order quantity
M 5 M 6 M 8	1,8 2,3 2,8	9,8 10,8 13,8	5,5 6,5 9,0	6,0 7,5 9,0	50 65 80	100
M 10 M 12 M 14	3,3 3,8 3,8	17,8 21,8 23,8	11 13 15	11 12 12	90 100 100	100
M 16 M 18 M 20	3,8 3,8 4,8	26,8 29,8 31,8	17 19 21	14 14 15	125 140 160	100 100 50



Subject to technical alterations.