


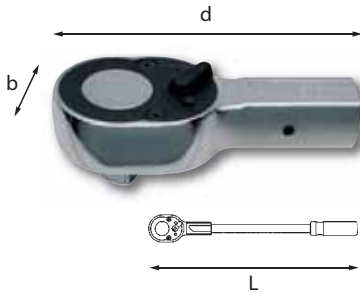
237 1/2" SI

UNI-ISO 3315 DIN 3122

Reversible ratchet

- Model with 32 teeth
- Same features of 237 1/4" SI


L mm	b mm	code	
260	43	237802	1

**237 3/4" SI**

UNI-ISO 3315 DIN 3122

Reversible ratchet

- Model with 30 teeth for use in combination with handle 237 3/4" PR
- Special Chrome Vanadium steel body
- Chrome plated and phosphatised finish


L mm	b mm	d mm	code	
530	70	165	237403	1

237 1" SI

UNI-ISO 3315 DIN 3122

Reversible ratchet

- For use in combination with handle 237 1" PR
- Same features of 237 3/4" SI

L mm	b mm	d mm	code	
650	72	205	237603	1

**237 3/8" SP**

UNI-ISO 3315 DIN 3122

Reversible ratchet

- Model with 24 teeth and socket retaining system with quick release button
- Ergonomic bimaterial grip
- Special Chrome Vanadium steel body
- Chrome plated and phosphatised finish

L mm	b mm	code	
200	31	237000	1

237 1/2" SP

UNI-ISO 3315 DIN 3122


Reversible ratchet

- Model with 32 teeth
- Same features of 237 3/8" SP

L mm	b mm	code	
260	43	237200	1


**237 1/4" SIC****Spare parts kit**

- For 237 1/4" SI

g gr	code	
25	Q237017	1


**237 3/8" SIA****Spare parts kit**

- For 237 3/8" SI-SP

g gr	code	
34	237018	1


237 1/2" SIA**Spare parts kit**

- For 237 1/2" SI-SP

g gr	code	
83	237019	1


237 3/4" SIA**Spare parts kit**

- For 237 3/4" SI

g gr	code	
243	237020	1


237 1" SIA**Spare parts kit**

- For 237 1" SI

g gr	code	
372	237021	1


**237 3/4" PR****Handle**

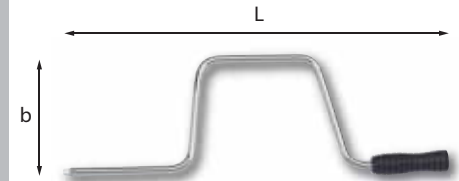
- For use in combination with ratchet 237 3/4" SI
- Plastic handgrip
- Special Chrome Vanadium steel
- Chrome plated finish

L mm	code	
450	237404	1

237 1" PR**Handle**

- For use in combination with ratchet 237 1" SI; with the same features of 237 3/4" PR


L mm	code	
540	237604	1

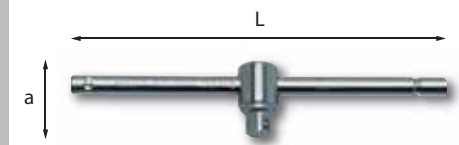
**239 1/2" N**

UNI-ISO 3315 DIN 3122

Speed brace with revolving handle

- Plastic handgrip
- Special Chrome Vanadium steel body
- Chrome plated finish


L mm	b mm	code	
405	120	239004	2

**240 1/4"**

UNI-ISO 3315 DIN 3122

T-handle with sliding square drive


- Special Chrome Vanadium steel
- Chrome plated finish

L mm	a mm	code	
115	22,5	240301	5

240 3/8" N

UNI-ISO 3315 DIN 3122

T-handle with sliding square drive

L mm	a mm	code	
200	35	240003	5

240 1/2" N

UNI-ISO 3315 DIN 3122

T-handle with sliding square drive

L mm	a mm	code	
280	45	240004	5

240 3/4" N

UNI-ISO 3315 DIN 3122


T-handle with sliding square drive

L mm	a mm	code	
425	62	240005	2

240 1" N

UNI-ISO 3315 DIN 3122

T-handle with sliding square drive

L mm	a mm	code	
500	80	240006	1



241 1/4" UNI-ISO 3316 DIN 3123

Universal joint

- Friction-spring to allow presetting of socket at the desired angle
- Special Chrome Vanadium steel
- Chrome plated finish

L mm	a mm	code	
40	14	241301	2

241 3/8" UNI-ISO 3316 DIN 3123

Universal joint

L mm	a mm	code	
55	18	241001	2

241 1/2" UNI-ISO 3316 DIN 3123

Universal joint

L mm	a mm	code	
76	24	241201	2

241 3/4" UNI-ISO 3316 DIN 3123

Universal joint

L mm	a mm	code	
105	39,5	241401	2



241 3/8" MN

Universal joint

- Special Chrome Molybdenum steel
- Phosphatised finish

L mm	a mm	code	
51	24	241403	1

241 1/2" MN

Universal joint

L mm	a mm	code	
60	32	241404	1

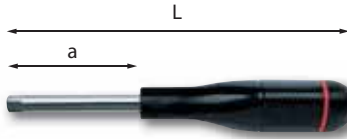
241 3/4" MN

Universal joint

L mm	a mm	code	
90	44	241405	1

**241 1" MN
Universal joint**

L mm	a mm	code	
110	54	241406	1

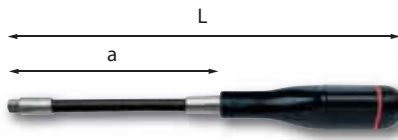


243 1/4" UNI-ISO 3315 DIN 3122

Spinner with Logic handle

- Polypropylene handle
- Chrome Vanadium steel blade
- Chrome plated finish

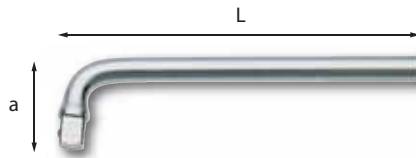
L mm	a mm	code	
170	55	243011	2



**243 1/4" SN
Flexible spinner with Logic handle**

- Maximum permissible torsion 10 Nm
- Polypropylene handle
- Chrome Vanadium steel blade
- Flexible shaft sheathed in plastic
- Square drive and blade nickel plated finish

L mm	a mm	code	
270	150	243111	1



244 1/2" UNI-ISO 3315 DIN 3122

Offset handle

- Special Chrome Vanadium steel
- Chrome plated finish

L mm	a mm	code	
190	45	244001	5

244 3/4" UNI-ISO 3315 DIN 3122

Offset handle

L mm	a mm	code	
265	70	244401	2



245 1/2" N UNI-ISO 3315 DIN 3122

Socket drivers with hinged square drive

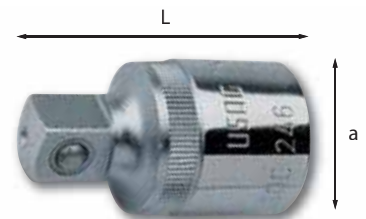
- Ergonomic bimaterial grip
- Special Chrome Vanadium steel body
- Chrome plated finish

L mm	code	
380	245106	1
460	245107	1

245 3/4" UNI-ISO 3315 DIN 3122

Socket driver with hinged square drive

L mm	code	
510	245401	1



246 3/8" UNI-ISO 3316 DIN 3123

Adapter

- Maximum permissible torsion 62 Nm
- Special Chrome Molybdenum steel
- Chrome plated finish

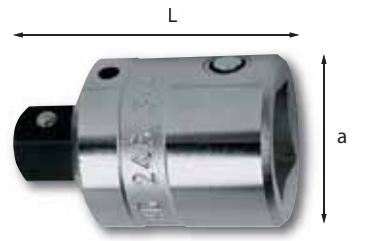
		L mm	a mm	code	
3/8	1/4	25	18	246001	5

246 1/2" UNI-ISO 3316 DIN 3123

Adapter

- Maximum permissible torsion 202 Nm

		L mm	a mm	code	
1/2	3/8	37	22	246201	5



246 3/4" UNI-ISO 3316 DIN 3123

Adapter

- Maximum permissible torsion 512 Nm
- Model with interchangeable male square drive
- Special Chrome Vanadium steel
- Chrome plated finish


		L mm	a mm	code	
3/4	1/2	58	37	246301	5

246 1"

UNI-ISO 3316 DIN 3123


Adapter

- Maximum permissible torsion 1412 Nm

"	"	L mm	a mm	code	
1	3/4	74	42	246404	1


**246 R3****Spare square drive**

- For 246 3/4"

"	code	
1/2	Q246030	1


**246 R4****Spare square drive**

- For 246 1"

"	code	
3/4	Q246040	1


**246 3/8" M****Adapter**

- Maximum permissible torsion 62 Nm
 - Special Chrome Molybdenum steel
 - Phosphatised finish

"	"	L mm	a mm	code	
3/8	1/4	32	22	246002	1

246 1/2" M**Adapter**

- Maximum permissible torsion 202 Nm

"	"	L mm	a mm	code	
1/2	3/8	38	25	246202	1


246 3/4" M**Adapter**

- Maximum permissible torsion 512 Nm

"	"	L mm	a mm	code	
3/4	1/2	56	44	246402	1


246 1" M**Adapter**

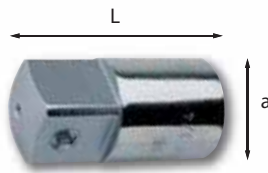
- Maximum permissible torsion 1412 Nm

"	"	L mm	a mm	code	
1	3/4	75	54	246602	1

246 1 1/2" M**Adapter**

- Maximum permissible torsion 2515 Nm


"	"	L mm	a mm	code	
1 1/2	1	100	86	246702	1

**247 1/4"**

UNI-ISO 3316 DIN 3123

Adapter


- Special Chrome Vanadium steel
 - Chrome plated finish

"	"	L mm	a mm	code	
1/4	3/8	25	12	247004	5

247 3/8"

UNI-ISO 3316 DIN 3123


Adapter

"	"	L mm	a mm	code	
3/8	1/2	35	18	247003	5

247 1/2"

UNI-ISO 3316 DIN 3123


Adapter

"	"	L mm	a mm	code	
1/2	3/4	47	25	247001	5

247 3/4"

UNI-ISO 3316 DIN 3123

Adapter


"	"	L mm	a mm	code	
3/4	1	67	36	247002	2

**247 3/8" M****Adapter**


- Special Chrome Molybdenum steel
 - Phosphatised finish

"	"	L mm	a mm	code	
3/8	1/2	36	22	247007	1


247 1/2" M**Adapter**

"	"	L mm	a mm	code	
1/2	3/4	48	30	247008	1

247 3/4" M**Adapter**

"	"	L mm	a mm	code	
3/4	1	63	44	247010	1

247 1" M**Adapter**


"	"	L mm	a mm	code	
1	1 1/2	90	54	247011	1

**248**

UNI 6733 DIN 3114

Single ended open jaw wrenches

- Head angled at 15°
 - Chrome Vanadium steel
 - Nickel Chrome plated finish

Ø mm	L mm	code	
4	90	248001	5
5	90	248002	5
5,5	90	248060	5
6	100	248003	5
7	100	248004	5
8	105	248005	5
9	105	248006	5
10	120	248007	5
11	120	248008	5
12	120	248009	5
13	145	248010	5
14	145	248011	5
15	145	248012	5
16	160	248013	5
17	160	248014	5
18	160	248015	5
19	175	248016	5
20	175	248017	5
21	175	248018	5
22	196	248019	5
23	196	248020	5
24	196	248021	5
25	216	248022	5
26	216	248023	5
27	216	248024	5
28	240	248025	5
30	240	248027	5
32	270	248028	5
34	270	248029	1
35	300	248030	1
36	300	248031	1
38	300	248032	1
40	340	248033	1
41	340	248034	1
42	340	248035	1
45	376	248036	1
46	376	248037	1
47	376	248059	1
48	420	248039	1
50	420	248041	1
52	450	248042	1
55	450	248043	1
60	495	248044	1
65	495	248045	1
70	570	248046	1
75	570	248047	1



249

UNI 6735 DIN 133

Single ended open jaw slugging wrenches

- For use with sledge hammers or pneumatic hammers
- Tightening or loosening operations in the heavy industry sector

Ø mm	a mm	L mm	code	
24	40	180	249024	1
27	56	180	249027	1
30	62	190	249030	1
32	70	200	249031	1
36	76	215	249032	1
41	86	235	249033	1
46	98	255	249034	1
50	105	275	249035	1
55	116	300	249036	1
60	128	320	249037	1
65	138	342	249038	1
70	154	375	249039	1
75	154	375	249040	1
80	174	408	249041	1
85	174	408	249042	1
90	194	445	249043	1
95	194	445	249044	1
100	215	485	249045	1
105	215	485	249046	1
110	235	510	249047	1
115	235	510	249048	1
120	255	545	249049	1
125	255	545	249050	1
130	275	575	249051	1
135	275	575	249052	1
140	275	575	249053	1
145	305	640	249054	1
150	305	640	249055	1
155	305	640	249056	1
160	342	715	249057	1
165	342	715	249058	1
170	342	715	249059	1
175	342	715	249060	1
180	342	715	249061	1
185	342	720	249062	1
190	342	720	249063	1
195	342	720	249064	1
200	342	720	249065	1
210	342	720	249066	1
220	342	720	249067	1
230	342	720	249068	1



250 N

UNI 6737 ISO 3318

Small double ended open jaw wrenches

- Same-size openings angled at 15° and 75°

Ø mm	L mm	code	
3,2	70	250103	5
4	70	250104	5
4,5	75	250105	5
5	75	250106	5
5,5	75	250107	5
6	80	250108	5
7	80	250110	5
8	90	250111	5
9	90	250112	5
10	100	250113	5
11	100	250114	5
12	120	250115	5
13	120	250116	5
14	120	250117	5



250 N/SE12

Set of twelve wrenches

- 250 N 3,2-4-4,5-5-5,5-6-7-8-10-12-13-14 mm
- Supplied in plastic wallet

à gr	code	
300	250386	1



252 N

UNI 6736 ISO 10102 DIN 3110

Double ended open jaw wrenches

- Heads angled at 15°
- Chrome Vanadium steel
- Chrome plated finish

Ø mm	L mm	code	
4x5	114	252512	10
5,5x7	121	252513	10
6x7	121	252514	10
7x8	138	252516	10
8x9	138	252517	10
8x10	143	252518	10
10x11	153	252520	10
10x13	163	252522	10
12x13	168	252524	10
12x14	177	252525	10
13x14	182	252526	10
13x15	182	252527	10
13x17	192	252528	10
14x15	182	252529	10
14x17	192	252530	10
16x17	210	252531	10
17x19	220	252533	5
18x19	220	252535	5
19x22	242	252536	5
20x22	242	252538	5
21x23	242	252539	5
22x24	242	252540	5
24x26	270	252541	5
24x27	270	252542	5
25x28	282	252543	5
27x29	301	252544	5
27x30	301	252545	5
27x32	301	252546	5
30x32	318	252547	5
32x36	342	252549	1
34x36	342	252550	1
35x38	381	252551	1
36x41	381	252552	1
41x46	413	252553	1
46x50	442	252554	1
50x55	442	252555	1



252 N/B8

Set of eight wrenches

- 252 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- Supplied in plastic wallet

à gr	code	
900	252865	1

252 N/B12

Set of twelve wrenches

- 252 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32 mm
- Supplied in plastic wallet

à Kg	code	
2,4	252866	1

252 N/B13

Set of thirteen wrenches

- 252 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm
- Supplied in plastic wallet

à Kg	code	
3	252867	1



252 N/SR8

Set of eight wrenches

- 252 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- Supplied with plastic stand

à Kg	code	
0,9	252862	1

252 N/SR13

Set of thirteen wrenches

- 252 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm
- Supplied with plastic stand

à Kg	code	
2,8	252864	1


252 ASV8

Empty plastic display stand

à gr	code	
60	002520001	1

252 ASV13

Empty plastic display stand


à gr	code	
105	Q02520002	1



252 N/R13

Set of thirteen wrenches


- 252 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm
- Supplied with metal holder

à Kg	code	
2,9	252868	1

252 RV13

Empty holder for double ended open jaw wrenches

- Enamelled sheet steel


L mm	à gr	code	
325	260	252502	1



252 N/S13


Set of thirteen wrenches

- 252 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm
- Supplied with metal display stand

à Kg	code	
3,6	252869	1

252 SV13

Empty metal display stand


à gr	code	
400	Q02520012	1



252 NP

Double ended open jaw wrenches


- Heads angled at 15°

Ø	L mm	code	
1/4x5/16	121	252652	2
5/16x3/8	139	252653	2
3/8x7/16	153	252655	2
7/16x1/2	168	252656	2
1/2x9/16	182	252657	2
9/16x5/8	182	252658	2
5/8x11/16	210	252660	2
11/16x3/4	220	252661	2
3/4x7/8	242	252663	2
7/8x15/16	242	252664	2
15/16x1	270	252665	2
1 1/16 x 1 1/8	282	252668	2
1 3/16 x 1 5/16	318	252671	2
1 1/4 x 1 3/8	342	252672	1
1 3/8 x 1 1/2	381	252673	1

252 NP/SE7

Set of seven wrenches

- 252 NP/1/4x5/16-3/8x7/16-1/2x9/16-5/8x11/16-3/4x7/8-15/16x1-1 1/16x1 1/8"


à Kg	code	
1,5	252872	1



253

Heavy-duty single ended offset bihexagonal ring wrenches


- For high torque
- For use in combination with drive bars 253 P

Ø mm	c mm	L mm	code	
24	38	180	253001	1
27	41	190	253002	1
30	48	200	253003	1
32	49	235	253004	1
36	55	245	253005	1
41	62	265	253006	1
46	69	280	253007	1
50	76	290	253008	1
55	81	300	253009	1
60	90	345	253010	1
65	98	355	253011	1
70	105	365	253012	1
75	110	375	253013	1
80	125	385	253014	1
85	125	385	253015	1
90	140	410	253016	1
95	140	410	253017	1
100	143	412	253018	1

253 P

Drive bars

- For use in combination with wrenches 253

n°	Ø mm	L mm	code	
1	24÷30	460	253101	1
2	32÷41	610	253102	1
3	46÷55	760	253103	1
4	60÷100	860	253104	1




254

UNI 6738 DIN 7444

Single ended bihexagonal slugging wrenches

- For use with sledge hammers or pneumatic hammers
- Tightening or loosening operations in the heavy industry sector


Ø mm	a mm	L mm	code	
24	43	165	254024	1
27	46	180	254027	1
30	52	190	254030	1
32	52	190	254032	1
36	58	205	254033	1
41	66	230	254034	1
46	74	240	254035	1
50	80	255	254036	1
55	86	270	254037	1
60	93	280	254038	1
65	102	300	254039	1
70	110	330	254040	1
75	110	330	254041	1
80	126	360	254042	1
85	126	360	254043	1
90	142	390	254044	1
95	142	390	254045	1
100	155	420	254046	1
105	155	420	254047	1
110	170	450	254048	1
115	170	450	254049	1
120	182	480	254050	1
125	182	480	254051	1
130	202	520	254052	1
135	202	520	254053	1
140	210	520	254054	1
145	228	580	254055	1
150	228	580	254056	1
155	228	580	254057	1
160	240	580	254058	1
165	265	650	254059	1
170	265	650	254060	1
175	265	650	254061	1
180	265	650	254062	1
185	290	700	254063	1
190	290	700	254064	1
195	290	700	254065	1
200	290	700	254066	1
210	320	750	254067	1
215	320	750	254068	1
220	320	750	254069	1

254 P

UNI 6738 DIN 7444

Single ended bihexagonal slugging wrenches - inch sizes

- For use with sledge hammers or pneumatic hammers
- Tightening or loosening operations in the heavy industry sector

Ø "	a mm	L mm	code	
1 1/16	44	180	254101	1
1 1/8	44	180	254102	1
1 3/16	53	190	254103	1
1 1/4	53	190	254104	1
1 5/16	53	190	254105	1
1 3/8	60	205	254106	1
1 7/16	60	205	254107	1
1 1/2	60	205	254108	1
1 9/16	67	230	254109	1
1 5/8	67	230	254110	1
1 11/16	67	230	254111	1
1 3/4	75	240	254112	1
1 13/16	75	240	254113	1
1 7/8	75	240	254114	1
1 15/16	81	254	254115	1
2	81	254	254116	1
2 1/16	81	254	254117	1
2 1/8	88	268	254118	1
2 3/16	88	268	254119	1
2 1/4	88	268	254120	1
2 5/16	95	280	254121	1
2 3/8	95	280	254122	1
2 7/16	95	280	254123	1
2 1/2	95	280	254124	1
2 9/16	102	300	254125	1
2 5/8	102	300	254126	1
2 11/16	102	300	254127	1
2 3/4	112	320	254128	1
2 13/16	112	320	254129	1
2 7/8	112	320	254130	1
2 15/16	112	320	254131	1
3	112	320	254132	1
3 1/8	128	359	254133	1
3 1/4	128	359	254134	1
3 3/8	128	364	254135	1
3 1/2	143	388	254136	1
3 5/8	143	388	254137	1
3 3/4	143	388	254138	1
3 7/8	156	421	254139	1
4	156	421	254140	1
4 1/8	156	421	254141	1
4 1/4	171	450	254142	1
4 1/2	171	450	254143	1
4 5/8	171	450	254144	1
5	183	475	254145	1




255 K

ISO 1711-1 ISO 3318 ISO 691

Bihexagonal ring wrenches with double reversible ratchet


- Integrated inversion lever
- Bihexagonal heads bent at 15°
- Working angle at 5°

Ø mm	L mm	code	
8x9	149	02550023	5
10x11	164	02550024	5
12x13	177	02550025	5
14x15	198	02550026	5
16x18	235	02550027	5
17x19	247	02550028	5

255 K/SE6

Set of six bihexagonal ring wrenches with double reversible ratchet

- 255 K 8x9-10x11-12x13-14x15-16x18-17x19 mm


à gr	code	
490	02550071	1



255 N

UNI 6739 ISO 10103 DIN 837


Straight double ended bihexagonal ring wrenches

Ø mm	L mm	code	
6x7	120	255201	5
8x9	136	255202	5
10x11	153	255203	5
12x13	163	255204	5
14x15	180	255205	5
16x17	210	255206	5
17x19	226	255207	5
18x19	226	255208	5
21x23	255	255210	2
22x24	255	255211	2
26x28	315	255214	2
27x29	315	255215	2
30x32	334	255216	2

255 N/SE8

Set of eight wrenches


- 255 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-22x24 mm

à gr	code	
500	255260	1

255 N/SE12

Set of twelve wrenches

- 255 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-21x23-22x24-26x28-27x29-30x32 mm


à Kg	code	
1,5	255261	1



255 TX

Straight double ended TORX® wrenches


- Heads with patented high resistance profile
- Torx profile rotated 15° with respect to the axis of the wrench, to allow a grip at an angle of only 30° by reversing the wrench

n°	L mm	code	
E6xE8	115	255303	2
E10xE12	150	255304	2
E14xE18	190	255305	2
E20xE24	240	255306	2

255 TX/S4

Set of four wrenches

- 255 TX E6xE8-E10xE12-E14xE18-E20xE24


à gr	code	
300	255300	1



256 AN

Wrenches with retainer for connectors

- Straight heads hexagonal profile
- Retainer to give improved grip on the nut during operations


Ø mm	L mm	code	
8x10	125	256061	2
10x11	127	256062	2
11x13	143	256063	2
12x14	145	256064	2
17x19	164	256065	2



256 AN/S5

Set of five wrenches

- 256 AN 8x10-10x11-11x13-12x14-17x19 mm
- Supplied in nylon wallet

à gr	code	
400	256151	1




256 N

DIN 3118

Wrenches for connectors


- Heads bent at 15° and angled laterally to 15°
- Hexagonal profile up to size 12x14 mm and bihexagonal profile for larger sizes

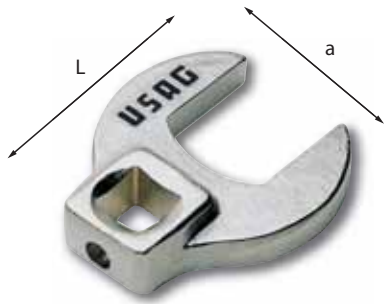
Ø mm	L mm	code	
8x10	140	256041	2
10x11	153	256042	2
11x13	174	256043	2
12x14	174	256044	2
17x19	203	256045	2
19x22	228	256046	2
22x24	243	256047	2
24x27	257	256048	2
30x32	296	256049	2
36x41	316	256050	1

256 N/SE7

Set of seven wrenches

- 256 N 8x10-10x11-11x13-12x14-17x19-19x22-24x27 mm

à Kg	code	
1	256150	1



257 3/8"

Crow-foot wrenches

- For working on locknuts, threaded plugs, bulbs, sensors, and other mechanical items that are difficult to reach
- Special Chrome Vanadium steel
- Chrome plated finish

Ø mm	L mm	a mm	code	
8	34	25	257001	1
9	34	25	257002	1
10	34	25	257003	1
11	34	25	257004	1
12	37	30	257005	1
13	37	30	257006	1
14	37	30	257007	1
15	43	38	257008	1
16	43	38	257009	1
17	43	38	257010	1
19	45	41	257012	1
20	45	41	257013	1
21	45	41	257014	1
22	50	46	257015	1
24	53	50	257017	1

257 3/8" SE15

Set of fifteen crow-foot wrenches

- (257 3/8" / 8 ÷ 24 mm)

g	code	
700	257081	1



258 N

ISO 3318

Special double ended bihexagonal ring wrenches

- For use on nuts in inaccessible places: starter motors, manifolds and other engine parts

Ø mm	d mm	L mm	code	
10x12	54,1	143	258300	5
11x13	66,6	165	258301	5
14x17	79,2	190	258302	5
15x17	81,3	220	258303	5
16x18	81,3	220	258304	5
19x22	94,3	253	258305	5

258 N/SE5

Set of five wrenches

- 258 N 10x12-11x13-15x17-16x18-19x22 mm

g	code	
900	258350	1



260

Ratchet wrenches for connectors

- For rapid tightening without removing the wrench from the nut

Ø mm	L mm	code	
8	138	260008	1
10	138	260010	1
11	138	260011	1
12	138	260012	1
13	138	260013	1
14	184	260014	1
16	184	260016	1
17	184	260017	1
19	184	260019	1
21	236	260021	1
22	236	260022	1
24	236	260024	1



260 SE12

Set of twelve wrenches

- 260 8-10-11-12-13-14-16-17-19-21-22-24 mm
- Supplied in nylon wallet

kg	code	
1,8	260184	1



263/S6

Set of oil plug wrenches (6 pcs)

- Supplied in sheet steel box 185x40x30 mm

pcs	description	art./size
1	Drive socket	263
1	Double-ended square drive wrench	263 A/ ■ 8x10mm
1	Double-ended square drive wrench	263 A/ ● 10x11mm
1	Double-ended square drive wrench	263 A/ ● 12x13mm
1	Double-ended square drive wrench	263 A/ ● 14x17mm
1	Double-ended square drive wrench	263 A/ ● 5/16x3/8"

g	code	
525	263001	1



1/2

263

Drive socket

- Model with retaining spring to grip the double-ended square drive wrench

"	L mm	code	
1/2	40	263011	1



263 A

Double ended square drive wrenches for oil plugs

- For use in combination with drive socket 263

n°	makes	L mm	code	
■ 8x10	CITROEN-HONDA-PEUGEOT-RENAULT	32	263021	1
● 5/16x3/8	FORD	32	263031	1
● 10x11	FIAT-LANCIA-FORD	32	263041	1
● 12x13	VW-AUDI-BMW-MERCEDES	32	263042	1
● 14x17	OPEL	32	263043	1



3/8

263 F

Drain plug socket with female square

- 3/8" square drive

mm	L mm	code	
10	29,5	02631102	1

3/8



263 Q
Drain plug socket with male square

- 3/8" square drive

mm	L mm	code	
8	29,5	02631114	1
10,5	29,5	02631116	1



3/8

263 XZN
Drain plug socket with XZN male

- 3/8" square drive
- AUDI gearbox

XZN profile	L mm	code	
M16	55	02631145	1



264/1
Drain plug wrench

- CITROEN, RENAULT, PEUGEOT

mm	L mm	code	
8x10	230	264011	1



270 C
Sockets for tyre rims with nylon protection

- For tyre rims

mm	a mm	L mm	code	
17	27	85	02700017	1
19	29	85	02700019	1
21	31	85	02700021	1



270 C/S3
Set of sockets for tyre rims (3 pieces)

- 3 sockets 270 C (17-19-21 mm) in plastic case
175x130x50 mm

gr	code	
852	02700100	1



271
T-handle wrenches for wheel nuts (industrial vehicles)

- Removable sliding T-handle

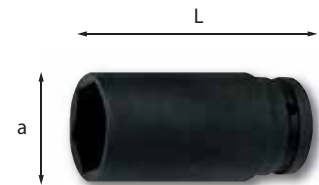
mm	a mm	L mm	code	
27x30	40x44	435	271001	1
27x32	40x47	435	271002	1



271 M
Hub-nut socket

- 3/4" square drive

mm	a mm	L mm	code	
36	46	36	02712005	1



271 ML
Impact sockets for hub-nuts

- FIAT - LANCIA - ALFA ROMEO
- 3/4" square drive

mm	a mm	L mm	code	
36	46,8	100	02712006	1



272
Cross-type wheel nut wrenches (cars and light industrial vehicles)

- 1/2" interchangeable square male

n°	mm	a mm	code	
3	17x19x22x1/2"	25x28x32	272000	1
5	17x19x21x1/2"	25x28x30	272103	1

272 CA
Cross-type wheel nut wrenches (industrial vehicles)

- 3/4" interchangeable square male

n°	mm	a mm	code	
1	24x27x30x3/2"	35x39x42x45	272201	1
3	24x27x32x3/4"	36x39x46	272202	1



272 Q 1/2"
Spare square male

- For 272/3 and 272/5

gr	code	
40	0272202	1

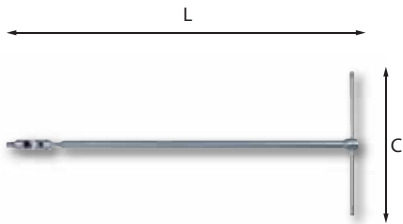


272 Q 3/4"

Spare square male

- For 272 CA 3

h gr	code	
50	Q272302	1



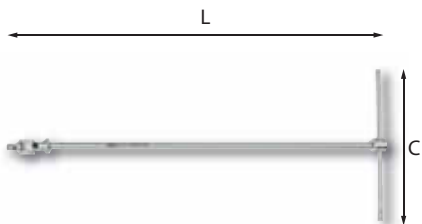
273

UNI 6754

T-handle keys with jointed hexagonal socket bit

- Model with friction-spring to allow presetting of the socket bit at the desired angle
- Removable sliding bar
- Special Silicon Chrome Vanadium steel
- Chrome plated finish

Ø mm	c mm	L mm	code	
3	165	398	273008	2
4	165	398	273001	2
5	165	398	273003	2
6	165	398	273004	2
7	165	398	273005	2
8	165	398	273006	2
10	165	398	273007	2



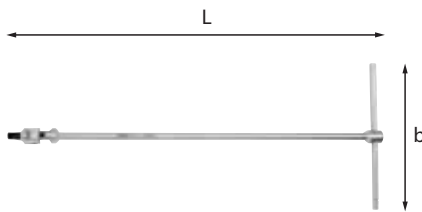
273 C

UNI 6754

T-handle keys with jointed hexagonal socket bit

- Universal joint model with friction-spring to allow presetting of the socket bit at the desired angle
- Removable sliding bar
- Special Silicon Chrome Vanadium steel
- Chrome plated finish

Ø mm	c mm	L mm	code	
3	165	393	273303	2
4	165	393	273304	2
5	165	393	273305	2
6	175	430	273306	2
8	175	430	273308	2
10	175	432	273310	2



273 CTX

T-handle keys with jointed socket bit for TORX® screws

- Universal joint model with friction-spring to allow presetting of the socket bit at the desired angle
- Removable sliding bar
- Special Silicon Chrome Vanadium steel
- Chrome plated finish with burnished tip

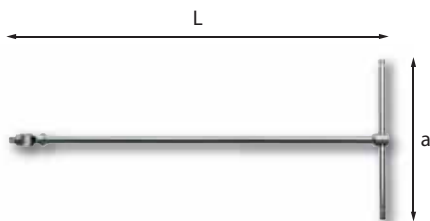
n°	b mm	L mm	code	
T20	165	403	273053	2
T25	165	403	273054	2
T27	165	403	273055	2
T30	175	436	273056	2
T40	175	436	273057	2
T45	175	436	273058	2
T50	175	468	273059	2
T55	180	500	273060	2

273 CTX/SE8

Set of eight TORX® keys

- (273 CTX/T20÷T55)

h Kg	code	
2,3	273065	1



273 1/4" Q

T-handle with jointed square drive

- Universal joint model with friction-spring to allow presetting of socket at the desired angle
- Removable sliding bar
- Special Chrome Vanadium steel
- Chrome plated finish

L mm	a mm	code	
390	165	273201	2

273 3/8" Q

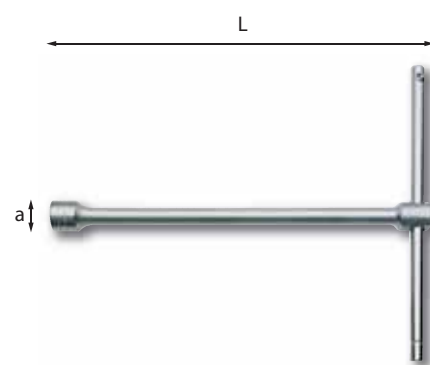
T-handle with jointed square drive

L mm	a mm	code	
460	175	273202	2

273 1/2" Q

T-handle with jointed square drive

L mm	a mm	code	
500	180	273203	2

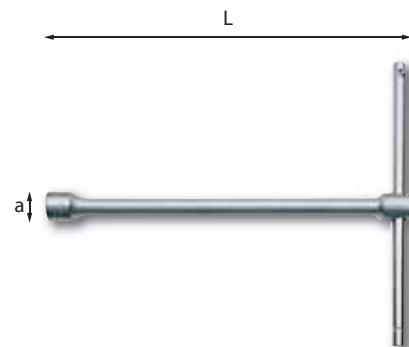


274

T-handle wrenches with square opening

- Removable sliding bar

Ø mm	a mm	L mm	code	
5	9,8	215	274001	1
6	11,3	215	274002	1
8	15	260	274005	1
9	16,5	260	274006	1
10	17,5	260	274007	1
11	19,2	260	274008	1
13	23	285	274010	1
14	24	285	274011	1
15	25,2	285	274012	1
16	27,7	310	274013	1
17	29	310	274014	1



275

UNI 6742 DIN 3112

T-handle wrenches with hexagonal opening

- Removable sliding bar

Ø mm	a mm	L mm	code	
6	9,8	215	275001	5
7	11,3	215	275002	5
8	12,5	235	275003	5
9	13,7	235	275004	5
10	15	260	275005	5
11	16,5	260	275006	5
12	17,5	260	275007	5
13	19,2	260	275008	5
14	20,5	260	275009	5
15	21,7	285	275010	5
16	23	285	275011	5
17	24	285	275012	5
18	25,2	285	275013	5
19	26,5	310	275014	5
20	27,7	310	275015	2
21	29	310	275016	2
22	30,2	310	275017	2
24	33	315	275019	1
27	37	315	275022	1
30	40,5	320	275025	1
32	43,5	320	275026	1

275 SE5

Set of five wrenches

- 275 8-10-13-17-19 mm

kg	code	img
2	275180	1

275 SE17

Set of seventeen wrenches

- 275 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm

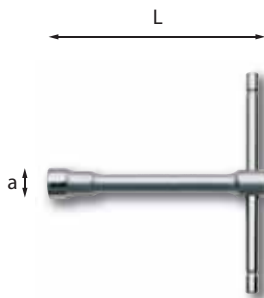
kg	code	img
7,1	275181	1

275 SE21

Set of twenty-one wrenches

- 275 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm

kg	code	img
12,9	275190	1



275 CO

UNI 6742 DIN 3112

Short T-handle wrenches with hexagonal opening

- Deep hexagonal opening for working on projecting screws
- Removable sliding bar

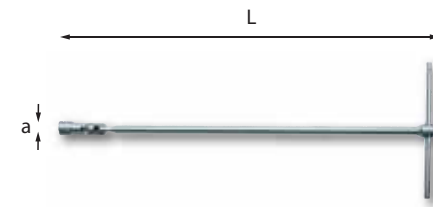
mm	a mm	L mm	code	img
4	7,2	80	275101	2
5	8,5	85	275102	2
5,5	9,2	90	275103	2
6	10	95	275104	2
7	11,5	100	275105	2
8	12,5	105	275106	2
9	13,7	110	275107	2
10	15	115	275108	2
11	16,2	121	275109	2
12	17,5	128	275110	2
13	19	135	275111	2
14	20,2	142	275112	2

275 CO/SE12

Set of twelve wrenches

- 275 CO 4-5-5,5-6-7-8-9-10-11-12-13-14 mm

kg	code	img
1,5	275183	1



276

UNI 6743

T-handle wrenches with jointed hexagonal socket

- Model with friction-spring to allow presetting of the socket at the desired angle
- Removable sliding bar

mm	a mm	L mm	code	img
6	10,3	394	276000	5
7	11,5	394	276001	5
8	12,6	394	276002	5
9	13,8	395	276003	5
10	15	490	276004	5
11	16,5	491	276005	5
12	17,5	493	276006	5
13	19	493	276007	5
14	20,5	495	276008	5
15	21,7	495	276009	5
16	23	496	276010	5
17	24	496	276011	5
18	24,7	500	276012	5
19	26	500	276013	5

276 SE5

Set of five wrenches

- 276 8-10-13-17-19 mm

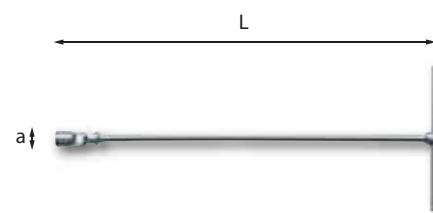
kg	code	img
2,6	276181	1

276 SE14

Set of fourteen wrenches

- 276 6-7-8-9-10-11-12-13-14-15-16-17-18-19 mm

kg	code	img
6,6	276184	1



276 CE

UNI 6743 ISO 2236 DIN 896

T-handle wrenches with jointed hexagonal socket

- Universal joint model with friction-spring to allow presetting of the socket at the desired angle
- Removable sliding bar

mm	a mm	L mm	code	img
6	9,5	398	276400	5
7	10,7	398	276401	5
8	12	398	276402	5
9	13,2	398	276403	5
10	14,6	431	276404	5
11	15,8	431	276405	5
12	17	434	276406	5
13	18,7	466	276407	5
14	20,7	466	276408	5
15	20,9	497	276409	5
16	22,2	499	276410	5
17	23,4	499	276411	5

276 CE

mm	a mm	L mm	code	img
18	24,7	501	276412	5
19	26	523	276413	5
20	27,3	526	276414	5
21	28,5	526	276415	5
22	29,7	526	276416	5
24	32,5	531	276417	5

276 CE/SE5

Set of five wrenches

- 276 CE 8-10-13-17-19 mm

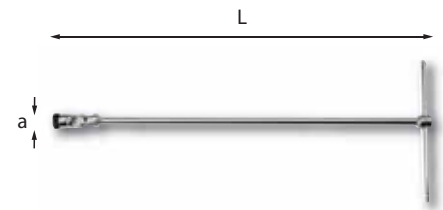
kg	code	img
2,4	276482	1

276 CE/SE18

Set of eighteen wrenches

- 276 CE 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24 mm

kg	code	img
9,5	276481	1



276 CEB

UNI 6743

T-handle wrenches with jointed hexagonal socket and Block® system

- Universal joint model with friction-spring to allow presetting of the socket at the desired angle
- Removable sliding bar

mm	a mm	L mm	code	img
8	12	398	276471	5
10	14,6	431	276472	5
13	18,7	466	276473	5
17	23,4	499	276474	5
19	26	523	276475	5

276 CEB/SE5

Set of five wrenches

- 276 CEB 8-10-13-17-19 mm

kg	code	img
2,5	276490	1

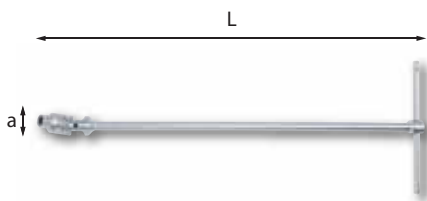


276 CEBM

Spare springs

- Spare springs for 276 CEB

mm	code	img
8	Q276471	1
10	Q276472	1
13	Q276473	1
17	Q276474	1
19	Q276475	1



276 CTX

T-handle wrenches with jointed TORX® socket

- Universal joint model with friction-spring to allow presetting of the socket at the desired angle
- Removable sliding bar

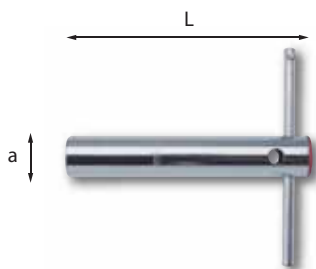
★ mm	a mm	L mm	code	
E6	8	399	276021	2
E7	8,5	399	276022	2
E8	10	399	276023	2
E10	13	432	276024	2
E12	15	432	276025	2
E14	17	499	276026	2
E16	19	499	276027	2
E18	20,5	499	276028	2
E20	23,5	523	276029	2

276 CTX/SE9

Set of nine wrenches

- 276 CTX E6-E7-E8-E10-E12-E14-E16-E18-E20

★ Kg	code	
3,9	276030	1



277 N

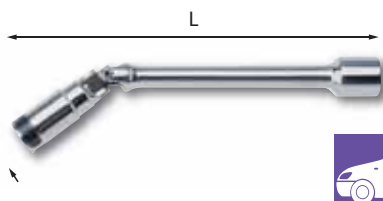
Socket wrenches for spark plugs

- Removable sliding bar with holes for a 90° working angle
- Device for storing the handle inside the wrench

Ø mm	a mm	L mm	code	
16L	21	140	277021	5
20,8	25	85	277015	5
20,8L	25	140	277025	5



ISO 11168

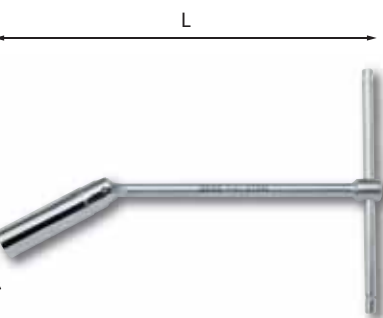


278 D

Glowplug wrenches with jointed socket

- Block® system for retaining the glowplug
- Hexagonal opening
- 3/8" square drive

Ø mm	Ø mm	L mm	code	
8L	14,5	178	278017	1
9L	14,5	161	278016	1
10	14,5	161	278018	1
10L	14,5	178	278019	1
12	17	155	278020	1
12L	17	178	278021	1

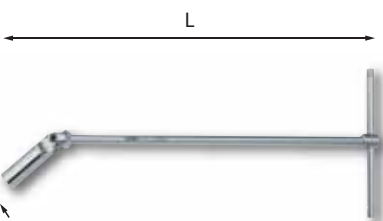


278 N

T-handle spark plug wrenches with jointed socket

- Hexagonal opening
- Rubber gasket for retaining the spark plug
- Removable sliding bar

Ø mm	a mm	L mm	code	
16	22	270	278011	5
18	25	270	278013	5
19	25	270	278014	5
20,8	26	270	278015	5



278 NL

Long T-handle spark plug wrenches with jointed socket

- Hexagonal opening
- Rubber gasket for retaining the spark plug
- Removable sliding bar

Ø mm	a mm	L mm	code	
16	22	517	278031	5
20,8	27,5	564	278035	5



ISO 11168



278 A

Spare gasket

- For 278 N - 278 NL - 279 3/8" - 279 N

Ø mm	code	
14-16	Q278001	10
18	Q278002	10
19	Q278003	10
20,8	Q278004	10



279 3/8"

Spark plug sockets

- Bihexagonal opening for size 14 and hexagonal for size 16
- Rubber gasket for retaining the spark plug
- 3/8" square drive

Ø mm	Ø mm	L mm	code	
14	19	90	02791011	1
14L	19	250	02791012	1
16	21,5	90	02791013	1
16L	21,5	250	02791014	1



279 3/8" MG

Magnetic sockets for spark plugs

- Hexagonal opening
- Magnetic system for retaining the spark plug
- 3/8" square drive

Ø mm	Ø mm	L mm	code	
16	22	84	02791113	1
18	25	84	02791116	1
20,8	27,5	84	02791121	1

279 3/8" MG/S3

Set of three spark plug sockets

- (279 3/8" MG 16-18-20,8)

★ Kg	code	
440	02791512	1

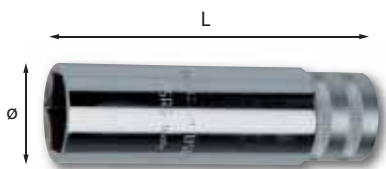


ISO 11168



ISO 11168





279 N 1/2"

ISO 11168

Spark plug sockets

- Hexagonal opening
- Rubber gasket for retaining the spark plug
- 1/2" square drive

ø mm	a mm	L mm	code	
16	22	90	02792013	1
16L	21,5	250	02792014	1
18	25	90	02792016	1
20,8	28	90	02792021	1



279 DN 3/8"

Glowplug sockets

- Block system for retaining the glowplug
- Hexagonal opening
- 3/8" square drive and 17 mm hexagonal drive

ø mm	a mm	L mm	code	
10	14,5	70	02791207	1
12	17,5	70	02791209	1

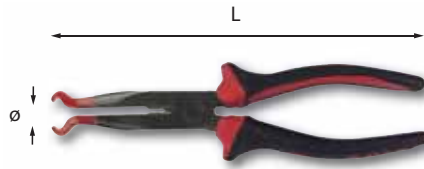


279 P

Pliers for spark plug caps

- For disconnecting deep-seated caps of spark plugs
- No damage to leads

a mm	L mm	code	
6	285	02796005	1
9	285	02796006	1

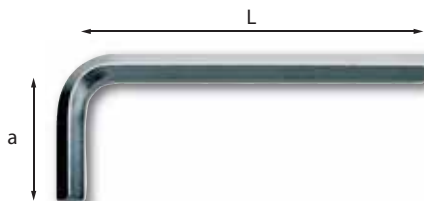


279 PC

Pliers for spark plug caps

- For disconnecting caps of spark plugs
- No damage to leads

ø mm	L mm	code	
11	198	02796004	1



UNI DIN ISO 2936

280

Angled hexagon keys

- For Allen screws
- Special Chrome Vanadium steel
- Zinc Chrome plated finish

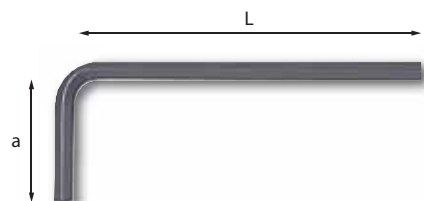
ø mm	a mm	L mm	code	
1,5	14	45	280000	20
2	16	50	280001	20
2,5	18	56	280002	20
3	20	63	280003	20
3,5	22	66	280004	20
4	25	70	280005	20
4,5	26	75	280006	20
5	28	80	280007	20
6	32	90	280008	20
7	34	95	280009	10
8	36	100	280010	10
9	38	105	280011	10
10	40	112	280012	10
11	42	118	280024	10
12	45	125	280013	10
13	50	132	280023	1
14	56	140	280014	1
17	63	160	280015	1
19	70	180	280016	1
22	80	200	280017	1
24	90	224	280018	1
27	100	250	280019	1
30	112	280	280020	1
32	125	315	280021	1
36	140	355	280022	1

280 P

Angled hexagon keys inch-sizes

- For Allen screws
- Special Chrome Vanadium steel
- Zinc Chrome plated finish

ø"	a mm	L mm	code	
1/20	13	41	280101	20
1/16	14	45	280102	20
5/64	16	50	280103	20
3/32	18	56	280104	20
1/8	20	63	280105	20
5/32	25	70	280106	20
3/16	28	80	280107	20
7/32	30	85	280108	20
1/4	32	90	280109	20
5/16	36	100	280110	5
3/8	38	105	280111	5
7/16	42	118	280112	5
1/2	50	132	280113	5



280 N

UNI DIN ISO 2936

Angled hexagon keys

- For Allen screws
- Special Chrome Vanadium steel
- Burnished finish

ø mm	a mm	L mm	code	
1,5	14	45	280701	20
2	16	50	280702	20
2,5	18	56	280703	20
3	20	63	280704	20
3,5	22	66	280705	20
4	25	70	280706	20
4,5	26	75	280707	20
5	28	80	280708	20
6	32	90	280709	10
7	34	95	280710	10
8	36	100	280711	10
9	38	105	280712	10
10	40	112	280713	10
11	42	118	280714	10
12	45	125	280715	10



280 S6

Set of six angled hexagon keys on ring

- (280/2,5-3-4-5-6-8 mm)

a gr	code	
130	280282	1

280 P/S6

Set of six angled hexagon keys on ring

- (280 P/3/32-1/8-5/32-3/16-7/32-5/16")

a gr	code	
130	280382	1



280 S7

Set of seven angled hexagon keys

- (280/2-2,5-3-4-4,5-5-6 mm)
- Supplied in plastic holder

gr	code	img
95	280280	1



280 S9

Set of nine angled hexagon keys

- (280/1,5-2-2,5-3-4-5-6-8-10 mm)
- Supplied in plastic holder

gr	code	img
250	280287	1

280 N/S9

Set of nine angled hexagon keys

- (280 N/1,5-2-2,5-3-4-5-6-8-10 mm)
- Supplied in plastic holder

gr	code	img
250	280731	1

280 SV9

Empty plastic holder

gr	code	img
27	280058	1



280 SE8

Set of eight angled hexagon keys

- (280/1,5-2-2,5-3-3,5-4-5-6 mm)
- Supplied in plastic wallet

gr	code	img
95	280283	1

280 N/SE8

Set of eight angled hexagon keys

- (280 N/1,5-2-2,5-3-3,5-4-5-6 mm)
- Supplied in plastic wallet

gr	code	img
95	280732	1

280 SE12

Set of twelve angled hexagon keys

- (280/2÷10 mm)
- Supplied in plastic wallet

gr	code	img
400	280284	1

280 N/SE12

Set of twelve angled hexagon keys

- (280 N/2÷10 mm)
- Supplied in plastic wallet

gr	code	img
400	280733	1

280 P/SE8

Set of eight angled hexagon keys

- (280 P/1/16÷1/4")
- Supplied in plastic wallet

gr	code	img
95	280383	1

280 P/SE12

Set of twelve angled hexagon keys

- (280 P/1/20÷7/16")
- Supplied in plastic wallet

gr	code	img
400	280285	1



280 S12

Set of twelve angled hexagon keys

- (280/2÷10 mm)
- Supplied in plastic holder

gr	code	img
440	280281	1

280 N/S12

Set of twelve angled hexagon keys

- (280 N/2÷10 mm)
- Supplied in plastic holder

gr	code	img
440	280734	1

280 P/S12

Set of twelve angled hexagon keys

- (280 P/1/20÷7/16")
- Supplied in plastic holder

gr	code	img
440	280381	1

280 SV12

Empty plastic holder

- For 280-280 N

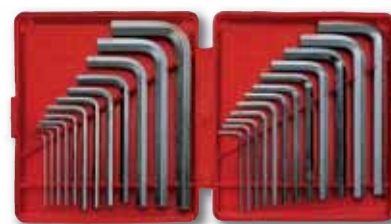
gr	code	img
70	280202	1

280 P/SV12

Empty plastic holder

- For 280 P

gr	code	img
70	280203	1



280 MP/S24


Set of twenty-four angled hexagon keys

- (280/2÷10 mm 280 P/1/20÷7/16")
- Supplied in plastic wallet

gr	code	img
880	280481	1

280 MP/SV24

Empty wallet


á gr	code	
97	280204	1



280 S5

Set of five hexagon keys

- (4-5-6-8-10 mm)
- Supplied with pocket holder in steel covered with shock resistant plastic
- Burnished finish

á gr	code	
285	280190	1

280 S8

Set of eight hexagon keys


- (1,5-2-2,5-3-4-5-6-8 mm)
- Same features of 280 S5

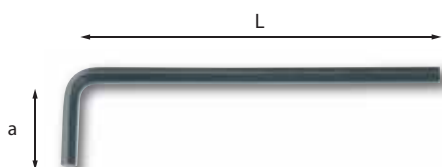
á gr	code	
220	280192	1

280 P/S7

Set of seven hexagon keys

- (3/32-1/8-5/32-3/16-7/32-1/4-3/8")
- Same features of 280 S5


á gr	code	
265	280193	1



280 L

Long angled hexagon keys

- For Allen screws
- Special Chrome Vanadium steel
- Burnished finish

● mm	a mm	L mm	code	
1,5	13	88	280039	20
2	15	98	280040	20
2,5	17	112	280041	20
3	20	122	280042	20
3,5	22	131	280043	20
4	25	141	280044	20
4,5	26	150	280045	20
5	28	160	280046	20
6	32	174	280047	20
7	34	185	280048	10
8	36	197	280049	10
9	38	210	280050	10
10	40	224	280051	10
12	45	238	280052	10



280 L/S9


Set of nine angled hexagon keys

- (280 L/1,5-2-2,5-3-4-5-6-8-10 mm)
- Supplied in plastic holder

á gr	code	
405	280057	1

280 L/SV9

Empty holder


á gr	code	
30	280058	1



280 L/S12


Set of twelve angled hexagon keys

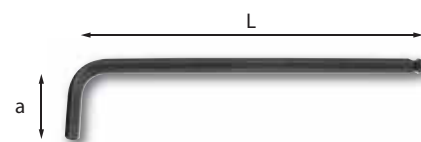
- (280 L/2÷10 mm)
- Supplied in plastic holder

á gr	code	
720	280286	1

280 L/SV12

Empty plastic holder


á gr	code	
84	280210	1



280 LTS

Long angled hexagon keys with spherical head


- For Allen screws
- Model giving a working angle of up to 25° with respect to the axis of the screw
- Special Chrome Vanadium steel
- Burnished finish

● mm	a mm	L mm	code	
1,5	14	62	280059	10
2	16	75	280060	10
2,5	18	85	280061	10
3	20	90	280062	10
4	25	100	280064	10
5	28	115	280066	10
6	32	135	280067	10
8	36	150	280069	10
10	40	170	280071	10

280 LTSP

Long angled hexagon keys with spherical head - inch-sizes

- For Allen screws
- Model giving a working angle of up to 25° with respect to the axis of the screw
- Special Chrome Vanadium steel
- Burnished finish


● "	a mm	L mm	code	
1/16	14	62,5	280091	5
5/64	13,5	75	280092	5
3/32	17,5	84,5	280093	5
1/8	20	90	280094	5
5/32	25	100	280095	5
3/16	27	117	280096	5
7/32	30,5	135,5	280097	5
1/4	33	141,5	280098	5
5/16	36	150	280099	5
3/8	37,5	170,5	280100	5



280 LTS/S9

Set of nine long angled hexagon keys with spherical head

- (280 LTS/1,5÷10 mm)
- Supplied in plastic holder

á gr	code	
350	280084	1

280 LTSP/S9

Set of nine long angled hexagon keys with spherical head - inch sizes

- (280 LTSP/1/16-5/64-3/32-1/8-5/32-3/16-7/32-1/4-3/8")
- Supplied in plastic holder

gr	code	img
320	280089	1

280 LTS/SV9

Empty holder

gr	code	img
30	280058	1

280 LTSP/SV9

Empty holder

gr	code	img
30	280088	1

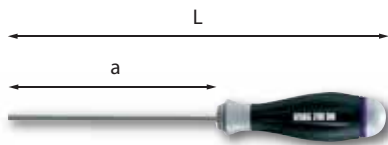


280 TS/S5

Set of five hexagon keys with spherical head

- (4-5-6-8-10 mm)
- Supplied with pocket holder in steel covered with shock resistant plastic
- Burnished finish

gr	code	img
285	280191	1



280 DN

UNI 10753

Screwdrivers for Allen screws

- Special Chrome Vanadium steel blade
- Chrome plated finish

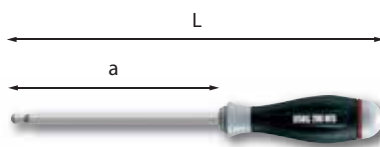
mm	a mm	L mm	code	img
1,5	78	180	02800201	5
2	78	180	02800202	5
2,5	78	180	02800203	5
3	78	180	02800204	5
4	103	211	02800206	5
5	103	211	02800208	5
6	128	243	02800210	5
8	153	276	02800212	5
10	178	301	02800214	5

280 DN/SE9

Set of nine screwdrivers for Allen screws

- (280 D/1,5÷10 mm)

gr	code	img
740	02800285	1



280 NTS

Screwdrivers with spherical head for Allen screws

- Model with spherical head giving a working angle of up to 25° with respect to the axis of the screw
- Special Chrome Vanadium steel blade
- Chrome plated finish

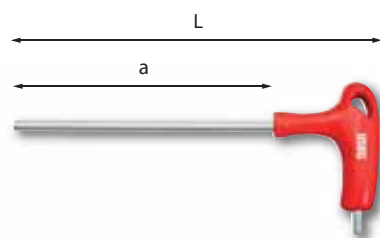
mm	a mm	L mm	code	img
2,5	103	205	02800240	5
3	103	205	02800241	5
4	103	211	02800243	5
5	103	211	02800245	5
6	128	243	02800247	5
8	153	276	02800249	5
10	153	276	02800251	5

280 NTS/SE7

Set of seven screwdrivers with spherical head for Allen screws

- (280 TS/2,5÷10 mm)

gr	code	img
660	02800287	1



280 H

Angled hexagon keys with handgrip

- For Allen screws
- Ergonomic grip
- Special Chrome Vanadium steel blade
- Chrome plated finish

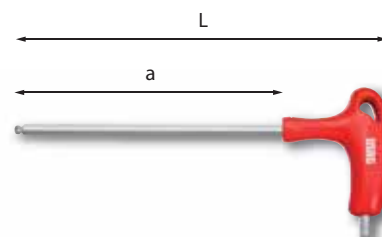
mm	a mm	L mm	code	img
2	90	133	02800302	5
2,5	90	133	02800303	5
3	90	133	02800304	5
3,5	90	133	02800305	5
4	130	183	02800306	5
4,5	130	183	02800307	5
5	130	183	02800308	5
6	175	240	02800310	5
7	175	240	02800311	5
8	175	240	02800312	5
10	175	240	02800314	5

280 H/SE11

Set of eleven hexagon keys with handgrip

- (280 H/2÷10)

gr	code	img
805	02800317	1



280 HTS

Angled hexagon keys with spherical head and handgrip

- For Allen screws
- Model giving a working angle of up to 25° with respect to the axis of the screw
- Same features of 280 H

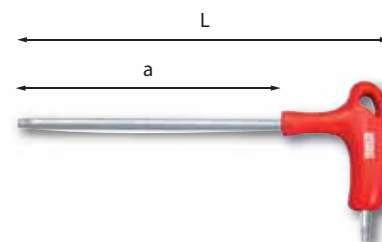
mm	a mm	L mm	code	img
2,5	90	133	02800321	5
3	90	133	02800322	5
4	130	183	02800324	5
5	130	183	02800326	5
6	175	240	02800327	5
8	175	240	02800329	5
10	175	240	02800331	5

280 HTS/SE7

Set of seven angled hexagon keys with spherical head and handgrip

- (280 HTS/2,5÷10 mm)

gr	code	img
670	02800337	1



280 HTX

Angled keys with handgrip for TORX® screws


- Ergonomic grip
- Special Chrome Molybdenum steel blade
- Chrome plated finish

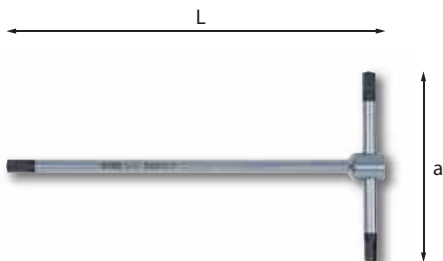
n°	a mm	L mm	code	img
T6	90	133	02800341	2
T7	90	133	02800342	2
T8	90	133	02800343	2
T9	90	133	02800344	2
T10	90	133	02800345	2
T15	90	133	02800346	2
T20	130	183	02800347	2
T25	130	183	02800348	2
T27	130	183	02800349	2
T30	175	240	02800350	2
T40	175	240	02800351	2
T45	175	240	02800352	2
T50	175	240	02800353	2

280 HTX/SE11

Set of eleven angled keys with handgrip for TORX® screws

- (280 HTX/T6÷T40)


ã gr	code	
544	02800357	1



280 T

T-handle hexagon keys


- For Allen screws
- Special Silicon Chrome Vanadium steel
- Chrome plated finish with burnished tips up to size 8 mm to ensure precise measurement and perfect fit with the screw

• mm	a mm	L mm	code	
2	62	125	280130	5
2,5	62	125	280131	5
3	75	150	280132	5
3,5	75	150	280133	5
4	90	180	280134	5
4,5	90	180	280135	5
5	105	210	280136	5
6	105	210	280137	5
7	105	210	280138	5
8	125	250	280139	5
9	140	280	280140	5
10	150	300	280141	5
12	160	320	280142	5
14	170	340	280143	5

280 T/SE8

Set of eight T-handle hexagon keys


- (280 T/2-2,5-3-4-5-6-8-10 mm)

ã Kg	code	
1	280186	1

280 T/SE14

Set of fourteen T-handle hexagon keys


- (280 T/2÷14 mm)

ã Kg	code	
3	280181	1

280 T/S8


Set of eight T-handle hexagon keys

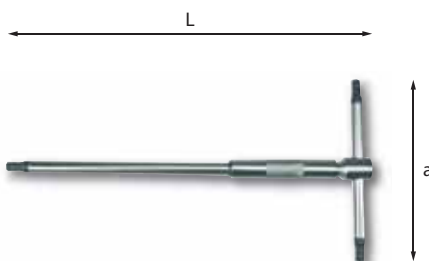
- (280 T/2-2,5-3-4-5-6-8-10 mm)
- Supplied in sheet steel stand

ã Kg	code	
1,8	280213	1

280 T/SV8

Empty metal display stand


ã gr	code	
700	Q280213	1

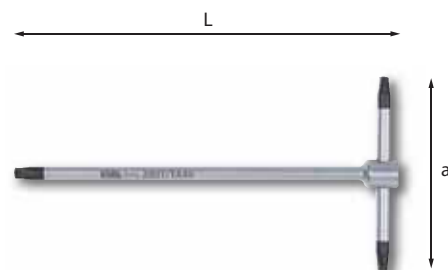


280 TV

T-handle hexagon keys for quick tightening

- For Allen screws
- Quick screwing cylinder with antislip knurling
- Special Silicon Chrome Vanadium steel
- Chrome plated finish with burnished tips


• mm	a mm	L mm	code	
2	62	125	02805002	2
2,5	62	125	02805003	2
3	75	150	02805004	2
4	90	180	02805006	2
5	105	210	02805008	2
6	105	210	02805009	2
8	125	250	02805010	2



280 TTX

T-handle keys for TORX® screws


- Special Silicon Chrome Vanadium steel
- Chrome plated finish with burnished tips

n°	a mm	L mm	code	
T6	62	125	280650	2
T7	62	125	280651	2
T8	62	125	280652	2
T9	62	125	280653	2
T10	75	150	280654	2
T15	75	150	280655	2
T20	75	150	280656	2
T25	90	180	280657	2
T27	90	180	280658	2
T30	90	180	280659	2
T40	105	210	280660	2
T45	105	210	280661	2
T50	125	250	280662	2
T55	150	300	280663	2
T60	150	320	280664	2

280 TTX/SE8

Set of eight T-handle keys for TORX® screws


- (280 TTX/T6÷T25)

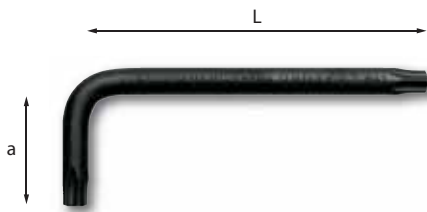
ã gr	code	
230	280686	1

280 TTX/SE7

Set of seven T-handle keys for TORX® screws

- (280 TTX/T27÷T60)

ã Kg	code	
1,7	280687	1



280 TX

Angled keys for TORX® screws

- Special Chrome Vanadium steel
- Burnished finish

n°	a mm	L mm	code	
T6	16	42	280560	5
T7	16	48	280561	5
T8	16	48	280562	5
T9	16	48	280563	5
T10	17	51	280564	5
T15	18	54	280565	5
T20	20	57	280566	5
T25	20	60	280567	5
T27	21	63	280568	5
T30	24	70	280569	5
T40	26	76	280570	5
T45	28	82	280571	5
T50	31	94	280572	5
T55	35	108	280573	5
T60	38	120	280574	5

280 TX/SE8

Set of eight keys for TORX® screws

- (280 TX/T6÷T25)

à gr	code	
40	280583	1

280 TX/SE7

Set of seven keys for TORX® screws

- (280 TX/T27÷T60)

à gr	code	
475	280584	1



280 TX/S6

Set of six keys for TORX® screws

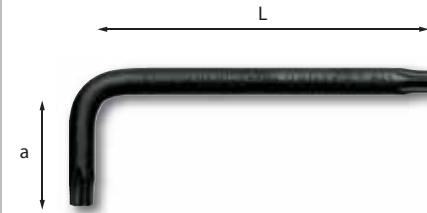
- (280 TX/T15÷T40)
- Supplied in plastic holder

à gr	code	
120	280575	1

280 TX/SV6

Empty holder

à gr	code	
13	280037	1



280 STX

Angled keys for TORX® Tamper Resistant screws

- Special Chrome Vanadium steel
- Burnished finish

n°	a mm	L mm	code	
T10	17	51	02800410	5
T15	18	54	02800411	5
T20	20	57	02800412	5
T25	20	60	02800413	5
T27	22	64	02800414	5
T30	24	70	02800415	5
T40	26	76	02800416	5



280 STX/S6

Set of six keys for TORX® Tamper Resistant screws

- (280 STX/T15÷T40)
- Supplied with plastic holder

à gr	code	
120	02800420	1



280 LTSTX

Long angled keys with spherical head for TORX® screws

- Model with spherical head giving a working angle of up to 25° with respect to the axis of the screw (excepting the 9 and 10 mm sizes)
- Special Molybdenum Vanadium steel
- Burnished finish

n°	a mm	L mm	code	
T9	16	80	280075	5
T10	16	85	280076	5
T15	18	90	280026	5
T20	19	95	280027	5
T25	20	100	280028	5
T27	21	105	280029	5
T30	24	115	280030	5
T40	26	125	280031	5
T45	28	130	280032	5
T50	32	150	280033	5



280 LTSTX/S8

Set of eight long angled keys with spherical head for TORX® screws

- (280 LTSTX/T10-T15-T20-T25-T27-T30-T40-T45)
- Supplied in plastic holder

à gr	code	
350	280078	1



280 TX/S8

Set of eight keys for TORX® screws

- (T9-T10-T15-T20-T25-T27-T30-T40)
- Supplied with pocket holder in steel covered with shock resistant plastic
- Burnished finish

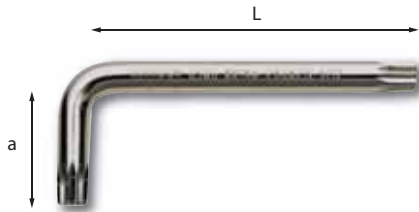
à gr	code	
220	280194	1

280 STX/S8

Set of eight keys for TORX® Tamper Resistant screws

- (T9-T10-T15-T20-T25-T27-T30-T40)
- Supplied with pocket holder in steel covered with shock resistant plastic
- Burnished finish


á gr	code	
215	280195	1



280 XZN

Angled keys for XZN screws

- Special Chrome Vanadium steel
- Polished nickel plated finish


for screws M	a mm	L mm	code	
5	25	72	280541	5
6	29	81	280542	5
8	32	90	280543	5
10	36	100	280544	5
12	40	112	280545	5
14	45	125	280546	2
16	55	140	280547	2

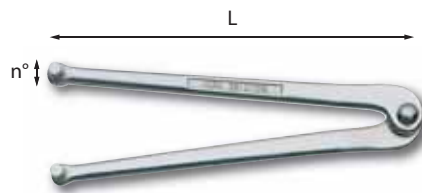


280 XZN/S5

Set of five keys for XZN screws

- (M5-M6-M8-M10-M12)
- Supplied with sheet steel pocket holder
- Nickel plated finish


á gr	code	
430	280550	1



281 C

Adjustable pin-type face wrenches with round pins

- For ring nuts with holes


n°	⌀ mm	L mm	code	
1	10÷40	115	281101	2
1,5	10÷40	115	281102	2
2	10÷40	115	281103	2
3	12÷60	160	281104	2
4	12÷60	160	281105	2
5	12÷60	160	281106	2
6	14÷100	215	281107	2
7	14÷100	215	281108	2
8	14÷100	215	281109	2
10	22÷125	260	281110	2
12	22÷125	260	281111	2



281 CR

Spare pins

- Spare part for wrenches 281 C

n°	code	
1	Q281401	1
1,5	Q281402	1
2	Q281403	1
3	Q281404	1
4	Q281405	1
5	Q281406	1
6	Q281407	1
7	Q281408	1
8	Q281409	1
10	Q281410	1
12	Q281411	1




282

UNI 6752 DIN 1810

Hook wrenches with square pin

- For ring nuts


⌀ mm	b mm	L mm	code	
16-18-20	2	108	282102	2
22-25-28	2,5	135	282103	2
30-32	2,5	135	282104	2
34-36-38	3	170	282105	2
40-42	3	170	282106	2
45-50	3,5	206	282107	2
52-55	3,5	206	282108	2
58-62-65	4	241	282109	2
68-70-75	4	241	282110	2
80-85-90	5	280	282111	2
92-95-100	5	280	282112	2
110-115	5	334	282113	1
120-130	5	334	282114	1
135-145	6	385	282115	1
155-165	6	385	282116	1
180-195	6	466	282117	1
205-220	6	466	282118	1
230-245	8	565	282119	1



282 SN

Adjustable hook wrenches with square pin

- For working with a single wrench on nuts of different sizes


⌀ mm	b mm	L mm	code	
15÷35	3,5	168	282301	1
35÷50	4	202	282302	1
50÷80	5	280	282303	1
80÷120	5,5	345	282304	1
120÷180	9,5	492	282305	1



282 TSN

Adjustable hook wrenches with round pin

- For working with a single wrench on nuts of different sizes


⌀ mm	b mm	L mm	code	
15÷35	3	168	282321	1
35÷50	4	202	282322	1
50÷80	5	280	282323	1
80÷120	6	345	282324	1
120÷180	8	492	282325	1



282 TSNA

Spare pins

- Spare part for wrench 282 TSN


⌀ mm	code	
15÷35	282331	1
35÷50	282332	1
50÷80	282333	1
80÷120	282334	1
120÷180	282335	1




283 N

UNI 6740 ISO 10104 DIN 838

Double ended offset bihexagonal ring wrenches

⌀ mm	L mm	code	
6x7	167	02830102	5
8x9	182	02830103	5
8x10	182	02830104	5
10x11	197	02830105	5
12x13	218	02830106	5
13x17	245	02830108	5
14x15	238	02830109	5
16x17	258	02830111	5
17x19	290	02830112	5
18x19	290	02830113	5
19x22	296	02830114	5
20x22	316	02830115	5


283 N

Ø mm	L mm	code	
21x23	316	02830116	5
22x24	324	02830117	5
24x26	328	02830118	5
24x27	328	02830119	5
25x28	345	02830120	5
27x29	353	02830121	5
27x32	353	02830123	5
30x32	360	02830124	5
34x36	440	02830127	1
36x41	440	02830129	1
46x50	510	02830134	1

283 N/SE8

Set of eight wrenches


- 283 N 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm

kg	code	
1,4	02830302	1

283 N/SE12

Set of twelve wrenches


- 283 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32 mm

kg	code	
3,4	02830303	1

283 N/SE13

Set of thirteen wrenches

- 283 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm


kg	code	
4	02830304	1



283 N/B8

Set of eight wrenches

- 283 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- Supplied in plastic wallet


kg	code	
1,5	02830311	1



283 N/R13

Set of thirteen wrenches


- 283 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm
- Supplied with metal holder

kg	code	
4,2	02830314	1

283 RV13

Empty holder for double ended offset ring wrenches

- Enamelled sheet steel


L mm	gr	code	
390	270	283600	1



283 N/S13


Set of thirteen wrenches

- 283 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm
- Supplied with metal display stand

kg	code	
4,7	02830317	1

283 SV13


Empty metal display stand

gr	code	
400	002520012	1



283 NP


Double ended offset bihexagonal ring wrenches, inch sizes

Ø mm	L mm	code	
1/4x5/16	172	02830201	2
3/8x7/16	197	02830203	2
1/2x9/16	238	02830205	2
9/16x5/8	238	02830206	2
5/8x11/16	258	02830207	2
5/8x3/4	258	02830208	2
25/32x13/16	316	02830210	2
7/8x15/16	324	02830211	2
15/16x1	328	02830212	2
1 1/16 x 1 1/8	353	02830214	2
1 3/16 x 1 5/16	402	02830216	2
1 3/8 x 1 1/2	440	02830217	2

283 NP/SE7

Set of seven wrenches


- 283 NP/ 1/4x5/16-3/8x7/16-1/2x9/16-9/16x5/8-5/8x3/4-25/32x13/16-7/8x15/16-15/16x1"

kg	code	
2	02830326	1

283 NP/SE12

Set of twelve wrenches


- 283 NP/ 1/4x5/16-3/8x7/16-1/2x9/16-9/16x5/8-5/8x11/16-5/8x3/4-25/32x13/16-7/8x15/16-15/16x1-1 1/16x1 1/8-1 3/16x1 5/16-1 3/8x1 1/2"

kg	code	
4,8	02830322	1



284

Double ended offset bihexagonal ring wrench for scaffolds

Ø mm	L mm	code	
21x22	315	284101	5




285 K


ISO 7738 ISO 3318

Reversible ratchet combination wrenches

- Integrated inversion lever
- Bihexagonal head and open end bent at 15°
- Working angle at 5°

Ø mm	L mm	code	
6	127	02855001	5
7	139	02855002	5
8	139	02855003	5
9	149	02855004	5
10	158	02855005	5
11	164	02855006	5
12	171	02855007	5
13	177	02855008	5
14	190	02855009	5
15	198	02855010	5
16	207	02855011	5
17	224	02855012	5
18	235	02855013	5


285 K

Ø mm	L mm	code	
19	247	02855014	5
22	290	02855017	2
24	323	02855019	2
27	358	02855022	2
30	402	02855025	1
32	423	02855027	1

285 K/SE12

Set of twelve reversible ratchet combination wrenches

- 285 K 8-9-10-11-12-13-14-15-16-17-18-19 mm


kg	code	
1,5	02855063	1



285 K/B8

Set of eight reversible ratchet combination wrenches


- 285 K 8-10-11-12-13-14-17-19 mm
- Supplied in plastic wallet

kg	code	
900	02855065	1

285 K/B12

Set of twelve reversible ratchet combination wrenches

- 285 K 8-9-10-11-12-13-14-15-16-17-18-19 mm
- Supplied in plastic wallet


kg	code	
1,5	02855067	1



285 K/SR8

Set of eight reversible ratchet combination wrenches


- 285 K 8-10-11-12-13-14-17-19 mm
- Supplied with plastic stand

kg	code	
1,0	02855068	1

285 K/SR13

Set of thirteen reversible ratchet combination wrenches


- 285 K 7-8-10-11-12-13-14-15-16-17-19-22-24 mm
- Supplied with plastic stand

kg	code	
1,8	02855069	1




285 ASV8

Empty plastic display stand

gr	code	
60	002520001	1

285 ASV13


Empty plastic display stand

gr	code	
105	002520002	1

285 KF/SR8


Set of eight jointed reversible ratchet combination wrenches

- 285 KF 8-10-11-12-13-14-17-19 mm
- Supplied with plastic stand

kg	code	
1	02855268	1

285 ASV8

Empty plastic display stand

gr	code	
60	002520001	1




285 N

UNI 6741 ISO 7738 DIN 3113

Full Contact combination wrenches

- Bihexagonal head bent at 15°
- Open end angled at 15°

Ø mm	L mm	code	
5,5	114	285700	10
6	114	285701	10
7	122	285702	10
8	130	285703	10
9	138	285704	10
10	146	285705	10
11	154	285706	10
12	162	285707	10
13	170	285708	10
14	180	285709	10
15	187	285710	10
16	195	285711	10
17	202	285712	10
18	210	285713	10
19	218	285714	10
20	226	285715	10
21	233	285716	10
22	248	285717	10
23	258	285718	5
24	268	285719	5
25	270	285720	5
26	284	285721	5
27	294	285722	5
28	305	285723	5
29	320	285724	5
30	323	285725	5
32	326	285726	5
34	312	285727	2
35	333	285728	2
36	340	285729	2
38	356	285730	2
41	372	285731	2


285 KF

ISO 7738 ISO 3318

Jointed reversible ratchet combination wrenches

- Ratchet working angle adjustable at 180°
- Open end angled at 15°
- Working angle at 5°




Ø mm	L mm	code	
8	127	02855203	5
9	132	02855204	5
10	136	02855205	5
11	141	02855206	5
12	147	02855207	5
13	154	02855208	5
14	160	02855209	5
15	169	02855210	5
16	179	02855211	5
17	190	02855212	5
18	203	02855213	5
19	215	02855214	5

285 KF/SE12

Set of twelve jointed reversible ratchet combination wrenches


- 285 KF 8-9-10-11-12-13-14-15-16-17-18-19 mm

kg	code	
1,8	02855263	1

285 N/SE17

Set of seventeen wrenches

- 285 N 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm

kg	code	
1,6	285860	1

285 N/SE26

Set of twenty-six wrenches

- 285 N 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32 mm

kg	code	img
4,9	285861	1



285 N/B8

Set of eight wrenches

- 285 N 8-10-11-13-14-17-19-22 mm
- Supplied in plastic wallet

kg	code	img
900	285865	1

285 N/B17

Set of seventeen wrenches

- 285 N 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- Supplied in plastic wallet

kg	code	img
1,8	285866	1



285 N/SR8

Set of eight wrenches

- 285 N 8-10-11-13-14-17-19-22 mm
- Supplied with plastic stand

kg	code	img
800	285863	1

285 N/SR13

Set of thirteen wrenches

- 285 N 7-8-10-12-13-14-17-19-22-24-27-30-32 mm
- Supplied with plastic stand

kg	code	img
2,1	285872	1

285 ASV8

Empty plastic display stand

kg	code	img
60	Q02520001	1

285 ASV13

Empty plastic display stand

kg	code	img
105	Q02520002	1



285 N/R17

Set of seventeen wrenches

- 285 N 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- Supplied with metal holder

kg	code	img
1,9	285868	1

285 RV17

Empty holder for combination wrenches

- Enamelled sheet steel

L mm	code	img
350	285200	1



285 N/S17

Set of seventeen wrenches

- 285 N 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- Supplied with metal display stand

kg	code	img
2,2	285869	1

285 N/S26

Set of twenty-six wrenches

- 285 N 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32 mm
- Supplied with metal display stand

kg	code	img
5,5	285870	1

285 SV17

Empty metal display stand

kg	code	img
550	285201	1

285 SV26

Empty metal display stand

kg	code	img
1,3	285202	1



285 NP

Full Contact combination wrenches

- Bihexagonal head bent at 15°
- Open end angled at 15°

Ø"	L mm	code	img
1/4	114	285821	2
5/16	131	285822	2
3/8	146	285823	2
7/16	154	285824	2
1/2	171	285825	2
9/16	180	285826	2
5/8	195	285827	2
11/16	202	285828	2
3/4	218	285829	2
13/16	226	285830	2
7/8	248	285831	2
15/16	268	285832	2
1	270	285833	2
1 1/16	294	285834	2
1 1/8	305	285835	2
1 1/4	326	285836	2
1 3/16	312	285837	1
1 3/8	333	285838	1
1 7/16	340	285839	1
1 1/2	356	285840	1

285 NP/SE13

Set of thirteen wrenches

- 285 NP 1/4-5/16-3/8-7/16-1/2-9/16-5/8-11/16-3/4-13/16-7/8-15/16-1"

kg	code	img
1,6	285862	1



285 NP/SR8

Set of eight wrenches

- 285 NP 3/8-7/16-1/2-9/16-5/8-11/16-3/4-13/16"
- Supplied with plastic stand

kg	code	
800	285864	1

285 ASV8

Empty plastic display stand

kg	code	
60	Q02520001	1



285 NP/S13

Set of thirteen wrenches

- 285 NP/3/8-7/16-1/2-9/16-5/8-11/16-3/4-13/16-7/8-15/16-1¹/₈-1⁵/₁₆-1¹/₂"
- Supplied with metal display stand

Kg	code	
2,6	285871	1

285 P/SV13

Empty metal display stand

gr	code	
400	Q02520012	1



285 C

ISO 3318

Short combination wrenches

- Ring and open head bent at 15°
- Ring head with hexagonal profile up to size 5,5 mm, bihexagonal for larger sizes

Ø mm	L mm	code	
3,2	77	285601	5
4	77	285602	5
5	82	285603	5
5,5	82	285604	5
6	90	285605	5
7	90	285606	5
8	94	285607	5
9	98	285608	5
10	103	285609	5
11	109	285610	5
12	127	285611	5
13	141	285612	5
14	147	285613	5
15	152	285614	5
16	158	285615	5
17	165	285616	5



285 C/SE10

Set of ten wrenches

- 285 C 4-5-6-7-8-9-10-11-12-13 mm
- Supplied in nylon wallet

kg	code	
0,3	285682	1

285 C/SE16

Set of sixteen wrenches

- 285 C 3,2-4-5-5,5-6-7-8-9-10-11-12-13-14-15-16-17 mm
- Supplied in nylon wallet

kg	code	
0,7	285683	1



285 L

UNI 6741 ISO 3318 ISO 7738

Full Contact long combination wrenches

- Bihexagonal and open head bent at 15°
- Shank with double-T profile to guarantee maximum resistance

Ø mm	L mm	code	
10	212	285304	5
11	225	285305	5
12	238	285306	5
13	251	285307	5
14	264	285308	5
15	277	285310	5
16	290	285311	5
17	303	285312	5
18	316	285313	5
19	329	285314	5
20	342	285315	5
21	355	285316	5
22	368	285317	5
23	381	285318	2
24	394	285319	2
25	407	285320	2
26	420	285321	2
27	433	285322	2
28	446	285323	2
30	472	285324	2
32	498	285325	2
34	524	285326	1
36	550	285327	1
38	576	285328	1
41	615	285329	1
46	680	285330	1



285 L/R13

Set of thirteen wrenches

- 285 L 10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- Supplied with metal holder

kg	code	
2,7	285381	1

285 L/RV13

Empty holder for long combination wrenches

- Enamelled sheet steel

L mm	code	
345	285300	1



285 LP

UNI 6741 DIN 3113

Heavy-duty combination wrenches

- Bihexagonal head offset and bent at 10°
- Open end angled at 15°

Ø mm	L mm	code	
50	560	285260	1
55	610	285261	1
60	660	285262	1
65	710	285263	1
70	760	285264	1

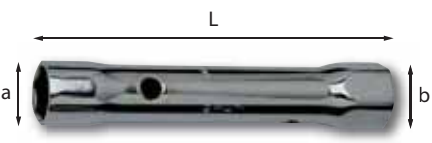


286 S

Double ended tubular box wrench for water heaters

- Hexagonal openings
- Transverse holes for drive bar
- Chrome Vanadium steel

Ø mm	a mm	b mm	L mm	code	
50x55	64	70	250	286101	1



288 N

UNI 6746 ISO 2236 DIN 896

Double ended tubular box wrenches

- Light-duty wrenches with hexagonal openings, manufactured from a drawn tube
- Transverse holes for drive bars 292

Ø mm	a mm	b mm	L mm	code	
4x5	8,5	9,5	92	288101	4
5,5x7	10	11,5	100	288102	4
6x7	10,5	11,5	100	288103	4
8x9	13	14,5	108	288104	4
10x11	16	17	116	288105	4
10x13	16	20,5	124	288106	4
12x13	19	20,5	124	288107	4
14x15	21,5	22,5	132	288109	4
16x17	24	26	140	288110	4
17x19	26	28,5	148	288111	4
18x19	27,5	28,5	148	288112	4
20x22	29,5	32	156	288114	4
21x23	31	33	163	288115	2
24x26	34,5	37	173	288117	2
25x28	36	39,5	182	288118	2
27x29	38,5	40,5	191	288119	2
30x32	42	45	200	288121	2

288 N/8

Set of eight wrenches

- 288 N 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- Supplied with drive bar 292/1

kg	code	
1	288281	1

288 N/12

Set of twelve wrenches

- 288 N 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-30x32 mm
- Supplied with drive bars 292/1-2

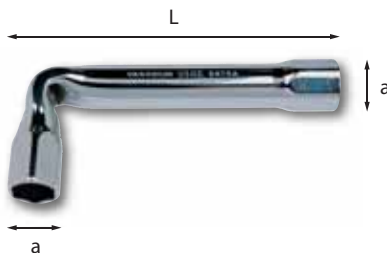
kg	code	
2,9	288282	1

288 N/13

Set of thirteen wrenches

- 288 N 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm
- Supplied with drive bars 292/1-2

kg	code	
3,5	288283	1



289 N

UNI 6749 ISO 2236

Double ended offset tubular box wrenches

- Light-duty wrenches with hexagonal openings, manufactured from a drawn tube
- Transverse holes for drive bars 292

Ø mm	a mm	L mm	code	
5	8,8	95	289101	4
5,5	9,3	95	289102	4
6	9,9	100	289103	4
7	11,1	100	289104	4
8	12,7	109	289105	4
9	13,9	109	289106	4
10	15,5	118	289107	4
11	16,7	118	289108	4
12	18,9	127	289109	4
13	19,5	127	289110	4
14	21,2	136	289111	4
15	22,3	136	289112	4
16	23,4	145	289113	4
17	24,5	145	289114	4
18	25,8	154	289115	4
19	27	154	289116	4
20	29,1	163	289117	4
21	30,3	163	289118	4
22	31,4	172	289119	4
24	33,7	180	289121	2

289 N/SE17

Set of seventeen wrenches

- 289 N 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- Supplied with drive bar 292/1

kg	code	
2,8	289281	1



290 E

UNI 6745 ISO 2236 DIN 896

Double ended tubular socket wrenches

- Heavy-duty socket wrenches with hexagonal openings, manufactured from a forged hexagon, drilled across the full length
- Transverse holes for drive bars 292
- Hexagonal body to allow work with open ended wrenches

Ø mm	a mm	b mm	L mm	code	
6x7	9,5	10,7	110	290101	4
8x9	12,5	14	120	290102	4
10x11	15	16	130	290103	4
12x13	17,5	19	140	290104	4
14x15	20	21,5	150	290105	4
16x17	22,7	24	160	290107	4
18x19	25,2	26,5	170	290109	4
20x22	27,7	30,2	180	290110	4
21x23	29	31,2	185	290111	2
24x26	33	35,5	190	290112	2
25x28	34,5	38	195	290113	2
27x29	37	39,5	200	290114	2
30x32	40,5	43	200	290116	2
36x41	49	55,5	240	290118	2

290 E/8

Set of eight wrenches

- 290 E 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- Supplied with drive bar 292/1

kg	code	
1,1	290281	1

290 E/12

Set of twelve wrenches

- 290 E 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-30x32 mm
- Supplied with drive bars 292/1-2

kg	code	
3,3	290282	1

290 E/13

Set of thirteen wrenches

- 290 E 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm
- Supplied with drive bars 292/1-2

kg	code	
3,8	290283	1



290 E/C13

Set of thirteen wrenches

- 290 E 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm
- Supplied in sheet steel case with drive bars 292/1-2

kg	code	
5,5	290186	1



290 E/R13

Set of thirteen wrenches

- 290 E 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm
- Supplied with metal holder and drive bars 292/1-2

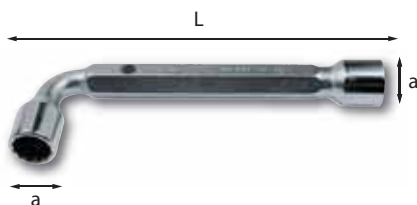
kg	code	
4	290285	1

290 E/RV13

Empty holder for socket wrenches

- Enamelled sheet steel

L mm	code	
400	290200	1



291

UNI 6748 ISO 2236

Double ended offset socket wrenches

- Heavy-duty wrenches, straight head with hexagonal opening and bent head with bihexagonal opening
- Manufactured from a forged and drilled hexagon
- Transverse holes for drive bars 292
- Hexagonal body to allow work with open ended wrenches

Ø mm	a mm	L mm	code	
5,5	8,8	87	291000	4
6	9,5	87	291001	4
7	10,7	92	291002	4
8	12,5	97	291003	4
9	14	106	291004	4
10	15	113	291005	4
11	16	121	291006	4
12	17,5	131	291007	4
13	19	138	291008	4
14	20	146	291009	4
15	21,5	153	291010	4
16	22,7	159	291011	4
17	24	167	291012	4
18	25,2	171	291013	4
19	26,5	176	291014	4
20	27,7	185	291015	4
21	29	191	291016	4
22	30,2	199	291017	4
24	33	211	291019	2
27	37	228	291022	2
30	40,5	247	291024	2
32	43	263	291025	2

291 SE17

Set of seventeen wrenches

- 291 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- Supplied with drive bar 292/1

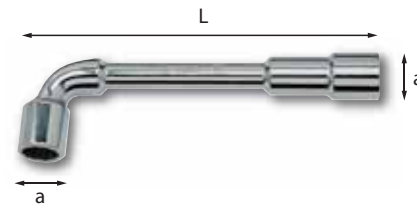
kg	code	
3,3	291181	1

291 SE21

Set of twenty-one wrenches

- 291 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- Supplied with drive bars 292/1-2

kg	code	
7	291183	1



291 N

ISO 2236

Double ended hollow offset socket wrenches

- Heavy-duty wrenches, deep straight head with hexagonal opening and bent head with bihexagonal opening
- Hexagonal profile on both sides up to size 9 mm
- Hollow profile for projecting screws or drive bars

Ø mm	a mm	L mm	code	
6	10	102	291104	5
7	11	106	291105	5
8	12,5	114	291106	5
9	13,5	122	291107	5
10	15	129	291108	5
11	16,5	136	291109	5
12	18	144	291110	5
13	19,5	152	291111	5
14	21	160	291112	5
15	22,5	169	291113	5
16	24	178	291114	5
17	25,5	187	291115	5
18	26,5	195	291116	5
19	28,5	204	291117	5
20	29,5	212	291118	5
21	30,5	221	291119	5
22	32	230	291120	5
23	33,5	240	291121	2
24	34,5	250	291122	2
25	36	260	291123	2
26	37	270	291124	2
27	38	280	291125	1
28	39,5	290	291126	1
30	42	310	291128	1
32	44,5	330	291130	1

291 N/SE17

Set of seventeen wrenches

- 291 N 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm

kg	code	
3,9	291281	1

291 N/SE25

Set of twenty-five wrenches

- 291 N 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-30-32 mm

kg	code	
10,9	291282	1

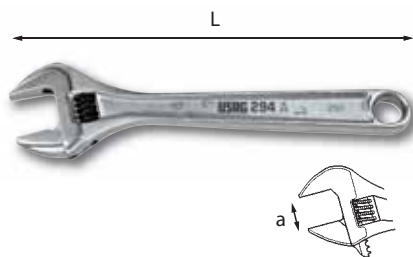


292

Drive bars

- Model with different diameters
- For use in combination with tubular wrenches 288 N-289 N - 290 E and socket wrenches 291

n°	Ø mm	L mm	code	
1	4÷23	220	292001	1
2	24÷32	300	292002	1
3	27÷41	350	292003	1



294 A UNI 6734 DIN 3117

Adjustable wrenches, chrome plated

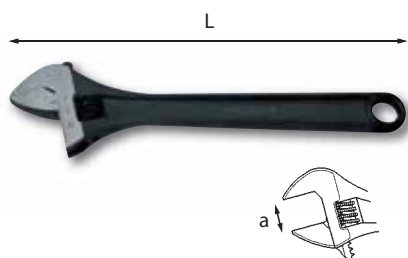
- Head angled at 15°, with scale in millimeters
- Sliding jaw opening by rotating knurl to the right

L mm	a mm	code	
110	13 (1/2")	02940001	5
150	20 (3/4")	02940002	5
200	27 (1 1/16")	02940003	5
250	30 (1 3/16")	02940004	5
300	35 (1 3/8")	02940005	5
380	44 (1 3/4")	02940006	1
460	54 (2 1/8")	02940007	1



294 AR Set of spare parts

L mm	code	
110	Q02940001	1
150	Q02940002	1
200	Q02940003	1
250	Q02940004	1
300	Q02940005	1
380	Q02940006	1
460	Q02940007	1



294 CN UNI 6734 DIN 3117

Adjustable wrenches, phosphatized

- Head angled at 15°, with scale in millimeters
- Sliding jaw opening by rotating knurl to the left

L mm	a mm	code	
110	14 (1/2")	294130	5
150	19 (3/4")	294131	5
200	27 (1 1/16")	294132	5
250	30 (1 3/16")	294133	5
300	36 (1 3/8")	294134	5
380	47 (1 3/4")	294135	1



294 CN Set of spare parts

L mm	code	
110	Q294130	1
150	Q294131	1
200	Q294132	1
250	Q294133	1
300	Q294134	1
380	Q294135	1



297 N Double ended wrenches with single-jointed bihexagonal sockets

- Model with friction-spring to allow presetting of the sockets at the desired angle

Ø mm	L mm	code	
6x7	189	297200	2
8x9	189	297201	2
10x11	195	297202	2
12x13	234	297204	2
14x15	238	297205	2
16x17	280	297206	2
18x19	286	297208	2
20x22	329	297209	2
21x23	331	297210	2
24x27	381	297211	2
30x32	387	297212	2

297 N/SE7 Set of seven wrenches

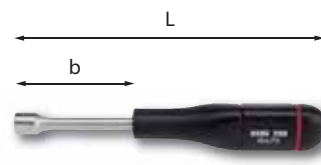
- 297 N 8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm

kg	code	
1,8	297085	1

297 N/SE11 Set of eleven wrenches

- 297 N 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm

kg	code	
4,4	297086	1



298 UNI 6750 ISO 2236

Hexagonal socket spinners with LOGIC grip

- Ergonomic polypropylene grip
- Special Chrome Vanadium steel body
- Chrome plated finish

Ø mm	b mm	L mm	code	
4	70	188	298051	5
5	70	188	298052	5
5,5	70	188	298053	5
6	70	188	298054	5
7	70	193	298055	5
8	70	193	298056	5
9	70	193	298057	5
10	70	193	298058	5
11	70	193	298059	5
12	70	193	298060	5
13	70	198	298061	5
14	70	198	298062	5

298 SE12 Set of twelve socket spinners with LOGIC grip

- (298/4 ÷ 14 mm)

kg	code	
1,6	298484	1



298 L UNI 6750 ISO 2236

Long hexagonal socket spinners with LOGIC grip

- Ergonomic polypropylene grip
- Special Chrome Vanadium steel body
- Chrome plated finish

Ø mm	b mm	L mm	code	
4	150	265	298151	5
5	150	265	298152	5
5,5	150	265	298153	5
6	150	265	298154	5
7	150	270	298155	5
8	150	270	298156	5
9	150	270	298157	5
10	150	270	298158	5
11	150	270	298159	5
12	150	270	298160	5
13	150	275	298161	5
14	150	275	298162	5

298 L/SE12 Set of twelve long socket spinners with LOGIC grip

- (298 L/4 ÷ 14 mm)

kg	code	
2	298485	1



298 S12

Set of twelve socket spinners with LOGIC grip

- (298/4 ÷ 14 mm)
- Supplied with sheet steel stand

kg	code	img
2,4	298481	1

298 L/S12

Set of twelve long socket spinners with LOGIC grip

- (298 L/4 ÷ 14 mm)
- Supplied with sheet steel stand

kg	code	img
2,7	298482	1

298 SV12

Empty metal display stand

gr	code	img
610	Q298002	1

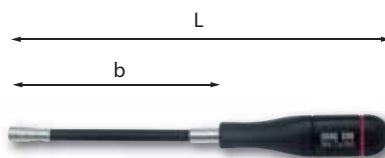


298 RV8

Empty holder for hexagonal socket spinner wrenches

- Enamelled sheet steel

L mm	code	img
265	298020	1



298 SN

Flexible hexagonal flexible socket spinners with LOGIC grip

- Maximum permissible torsion 10 Nm
- Ergonomic polypropylene grip
- Chrome plated finish

Ø mm	b mm	L mm	code	img
5	155	270	298491	2
5,5	155	270	298492	2
6	155	270	298493	2
7	155	270	298494	2
8	155	270	298495	2
9	155	270	298496	2
10	155	300	298497	2
11	155	300	298498	2
13	155	300	298499	2

298 SN/SE9

Set of nine hexagonal flexible socket spinners with LOGIC grip

- (298 SN/5 ÷ 13 mm)

kg	code	img
1,3	298489	1

299 SE12

Set of twelve socket spinners with LOGIC grip

- (299/4 ÷ 14 mm)

kg	code	img
1,6	299081	1



299 S12

Set of twelve socket spinners with LOGIC grip

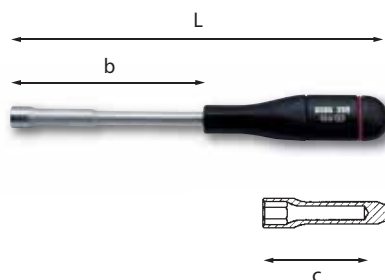
- (299/4 ÷ 14 mm)
- Supplied with sheet steel stand

kg	code	img
2,2	299181	1

299 SV12

Empty metal display stand

gr	code	img
610	Q298002	1



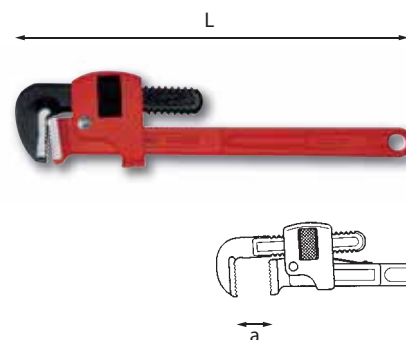
299

ISO 2236

Hexagonal socket spinners with LOGIC grip

- Deep hexagonal socket for working on projecting screws
- Ergonomic polypropylene grip
- Special Chrome Vanadium steel blade
- Chrome plated finish

Ø mm	b mm	c mm	L mm	code	img
4	125	20	240	299001	5
5	125	25	240	299002	5
5,5	125	30	240	299003	5
6	125	35	240	299004	5
7	125	35	245	299005	5
8	125	50	245	299006	5
9	125	50	245	299007	5
10	125	50	245	299008	5
11	125	50	245	299009	5
12	125	50	245	299010	5
13	125	55	250	299011	5
14	125	55	250	299012	5



301 N

Stillson-type pipe wrenches

- Articulated cage with a double-spring device for gripping the pipe immediately, allowing quick resuming of the manoeuvre
- Body and moving jaw in Carbon steel

L mm	⊙ max	a mm	code	img
250	1	34	03010004	1
350	1 1/2	49	03010005	1
450	2	60	03010006	1
600	2 1/2	76	03010007	1
900	3 1/2	102	03010008	1