



The picture is just for presentation purposes



Empty displays stand

code	img
WEXP01V	1



For more than 80 years VIRAX trademark is the leader in the European thermohydraulics sector. In the French factories of Epernay, in the core of the Champagne, million pieces are produced every year. Aware of the high quality and the experience of VIRAX R&D, Usag has enclosed in its price list, starting from this year, a qualified range of items with VIRAX original brand.

For detail and info see
General Catalogue VIRAX 2008



Display stand with assortment for plumbers (44 pcs.)

pcs	description	code
4	Fast pipe wrench 14"	V010124
4	Stillson wrench 125 18"	V012545
4	Heavyd viragrip wrench 12"	V013812
3	Rev gripping chain wrench	V014100
3	Adjust spanner 8" wide open	V017050
2	Hacksaw frames 490/2	V049050
2	Cutting oil 1l q	V110101
1	Threader in plast. box 62B2	V136301
4	Pipe cutter 2101/1	V210110
4	Pipe cutter 2101/2	V210120
2	Pipe cutter ZR 32 - cu	V210300
2	Pipe cutter ZR 32 - s.steel	V210340
2	Pipe cutter plastic 2106/63	V210620
2	Plastic cutter virax PC40	V214040
2	Replaceable blade reamer	V221261
1	Crossbow bender 10 to 22	V250100
2	Frigor	V250580

kg	code	img
149	WEXP010	1

code	description
V000351	5 spare blades for plastic tubes
V010011	pipe wrench 90d 1"
V010012	pipe wrench 90d 1 1/2"
V010013	pipe wrench 90d 2"
V010041	pipe wrench 45d 1"
V010042	pipe wrench 45d 1 1/2"
V010043	pipe wrench 45d 2"
V010123	fast pipe wrench 10"
V010124	fast pipe wrench 14"
V010126	fast pipe wrench 18"
V010434	pipe wrench 104 1
V010449	pipe wrench 104 1 1/2
V010460	pipe wrench 104 2
V010521	pipe wrench 105 1/2"
V010534	pipe wrench 105 1
V010549	pipe wrench 105 1 1/2
V010560	pipe wrench 105 2
V010590	pipe wrench 105 3
V010601	pair of jaws pipe wrench 1/8-1"
V010602	chain pipe wrench 1/8-1"
V010603	pair jaws pipe wrench 1/8-3"

code	description
V010604	chain pipe wrench 1/8-3"
V010605	pair jaws pipe wrench 1-4-6"
V010606	chain pipe wrench 1/4-6"
V010610	pipe wrench 1/8-1"
V010611	pipe wrench 1/8-3"
V010613	pipe wrench 1/4-6"
V010702	chain pipe wrench 3/4-4"
V010703	chain pipe wrench 1-6"
V010705	chain pipe wrench 1/2-9"
V010707	chain pipe wrench 1/2-13"
V010708	pair jaws pip wrench 1-18"
V010709	chain pipe wrench 1-18"
V010731	pipe wrench 1/4-2 1/2"
V010732	pipe wrench 3/4-4"
V010733	pipe wrench 1-6"
V010734	pipe wrench 1 1/2-8"
V010735	pipe wrench 2-12"
V010823	rack typ adj wrench 108/230
V010828	rack typ adj wrench 108/280
V010838	rck typ adj wrench 108/380
V010901	28 slip joint pliers / 0109

code	description
V010917	slip joint pliers 109/175
V010924	slip joint pliers 109/240
V010930	slip joint pliers 109/300
V011120	slip joint pliers confort
V011240	slip joint pli insul112/400
V011324	slip joint pliers 240 0113
V011600	strap wrench 450 116
V011605	strap 450 for wrench 116
V011610	strap wrench 750 116
V011615	strap 750 for wrench 116
V011620	strap wrench 1500
V011625	strap 1500 for wrench 116
V012520	stillson wrench 125 8
V012525	stillson wrench 125 10
V012535	stillson wrench 125 14
V012545	stillson wrench 125 18
V012560	stillson wrench 125 24
V012590	stillson wrench 125 36
V013614	tubar wr alu handle 136-14
V013618	tubar wr alu handle 136/18
V013624	tubar wr alu handle 136/24

code	description
V013735	viragrip wrench 137 2"
V013745	viragrip wrench 137 2"/1/2
V013760	viragrip wrench 137 3"
V013790	viragrip wrench 137 5"
V013806	heavyd viragrip wrench 6"
V013808	heavyd viragrip wrench 8"
V013810	heavyd viragrip wrench 10"
V013812	heavyd viragrip wrench 12"
V013814	heavyd viragrip wrench 14"
V013818	heavyd viragrip wrench 18"
V013824	heavyd viragrip wrench 24"
V013836	heavyd viragrip wrench 36"
V013848	heavyd viragrip wrench 48"
V014001	chain/pin gripping 140
V014100	rev gripping chain wrench
V014101	chain/pin for 141 wrench
V014200	gripping chain wrench jaw 2
V014201	chain/pin for 142 wr
V014210	gripping chain wrench jaw 3
V014211	chain/pin for 142/1 wr
V014212	jaw for 142/1 wrench
V017006	adjustable spanner 6 0170
V017008	adjustable spanner 8 0170
V017010	adjustable spanner 10 0170
V017012	adjustable spanner 12 0170
V017015	adjustable spanner 15 0170
V017018	adjustable spanner 18 0170
V017045	adjust spanner 8" wide open
V017050	adjust spanner 8" wide open
V017093	display with 12 adjustable wrench 6+6
V043008	100 blades 18 t per in. 430
V043010	100 blades 24 t per in. 430
V043012	100 blades 32 t per in. 430
V045000	electric hacksaw 230 v
V046002	5 blades 8 to 12t/"16"
V046004	5 blades 14t/"16"
V046005	5 blades 18t/"16"
V046006	5 blades 5 to 8t/"16"
V046010	5 blades/pipe 4" 8t/"18"
V046011	5 blades 8 to 12 tpi lg 8"
V046012	5 blades 6 tpi lg 9"
V049000	hacksaw frames 490/1
V049050	hacksaw frames 490/2
V049070	saw handle 490/4
V050010	core drill 130
V050011	130 drilling column
V050014	130 shutter
V050016	2000w motor + prcd
V050017	1/2 clamp frame support 130
V050018	clamp frame support 130
V050020	core drill 200
V050021	200 drilling column
V050022	180 water collector
V050023	180 water collector ring
V050025	200 vacuum ring
V050026	motor 2600w + prcd
V050030	core drill 300
V050031	drilling column 300
V050032	water collector 250
V050033	water collector ring 250

code	description
V050035	vacuum ring 250
V050036	motor 3000w + prcd
V050039	friction washer
V050041	m12 spindle
V050042	ceiling jack screw h275
V050043	vacuum pump
V050044	mm 1 1/4-1/2 adaptor
V050045	ff 1 1/4-1/2 adaptator
V050046	1/2" x 200 extension
V050047	1 1/4" x 300 extension
V050048	guide for hand drilling
V050049	water pump 10 l
V050050	adapter for 1/2"hi coupling
V050051	oil for 050043
V050052	22x24 wrench for v130
V050053	30x32 wrench for v130/300
V050054	36x41 wrench for v200/300
V050055	electric waterpump
V050056	adapter vacuum cleaner 130
V050057	water & dust vacuum cleaner
V050058	centering device d 50-76mm
V050059	centering device d 80-132mm
V050062	130 vacuum ring
V051020	1/2 diamond drill d 20
V051022	1/2 diamond drill d 22
V051025	1/2 diamond drill d 25
V051028	1/2 diamond drill d 28
V051030	1/2 diamond drill d 30
V051036	1/2 diamond drill d 36
V051041	1/2 diamond drill d 41
V051046	1/2 diamond drill d 46
V051051	1/2 diamond drill d 51
V051056	1/2 diamond drill d 56
V051061	1/2 diamond drill d 61
V051066	1/2 diamond drill d 66
V051071	1/2 diamond drill d 71
V051076	1/2 diamond drill d 76
V051082	1/2 diamond drill d 82
V051087	1/2 diamond drill d 87
V051092	1/2 diamond drill d 92
V051102	1/2 diamond drill d102
V051112	1/2 diamond drill d112
V051117	1/2 diamond drill d117
V051122	1/2 diamond drill d122
V051127	1/2 diamond drill d127
V051132	1/2 diamond drill d132
V052025	1 1/4 diamond drill d 25
V052028	1 1/4 diamond drill d 28
V052030	1 1/4 diamond drill d 30
V052036	1 1/4 diamond drill d 36
V052041	1 1/4 diamond drill d 41
V052046	1 1/4 diamond drill d 46
V052051	1 1/4 diamond drill d 51
V052056	1 1/4 diamond drill d 56
V052061	1 1/4 diamond drill d 61
V052066	1 1/4 diamond drill d 66
V052071	1 1/4 diamond drill d 71
V052076	1 1/4 diamond drill d 76
V052082	1 1/4 diamond drill d 82
V052087	1 1/4 diamond drill d 87

code	description
V052092	1 1/4 diamond drill d 92
V052102	1 1/4 diamond drill d102
V052112	1 1/4 diamond drill d112
V052117	1 1/4 diamond drill d117
V052122	1 1/4 diamond drill d122
V052127	1 1/4 diamond drill d127
V052132	1 1/4 diamond drill d132
V052142	1 1/4 diamond drill d142
V052152	1 1/4 diamond drill d152
V052162	1 1/4 diamond drill d162
V052171	1 1/4 diamond drill d172
V052182	1 1/4 diamond drill d182
V052200	1 1/4 diamond drill d200
V052225	1 1/4 diamond drill d225
V052250	1 1/4 diamond drill d250
V052300	1 1/4 diamond drill d300
V053001	1/2 dry diamond drill d 30
V053002	1/2 dry diamond drill d 32
V053003	1/2 dry diamond drill d 36
V053004	1/2 dry diamond drill d 41
V053005	1/2 dry diamond drill d 46
V053006	1/2 dry diamond drill d 51
V053007	1/2 dry diamond drill d 56
V053008	1/2 dry diamond drill d 61
V053009	1/2 dry diamond drill d 66
V053010	1/2 dry diamond drill d 71
V053011	1/2 dry diamond drill d 76
V053012	1/2 dry diamond drill d 82
V053013	1/2 dry diamond drill d 87
V053014	1/2 dry diamond drill d 92
V053015	1/2 dry diamond drill d 97
V053016	1/2 dry diamond drill d102
V053017	1/2 dry diamond drill d107
V053018	1/2 dry diamond drill d112
V053019	1/2 dry diamond drill d117
V053020	1/2 dry diamond drill d122
V053021	1/2 dry diamond drill d127
V053022	1/2 dry diamond drill d132
V053101	dry dia co drill 1/2 d 30
V053102	dry dia co drill 1/2 d 32
V053103	dry dia co drill 1/2 d 36
V053104	dry dia co drill 1/2 d 41
V053105	dry dia co drill 1/2 d 46
V053106	dry dia co drill 1/2 d 51
V053107	dry dia co drill 1/2 d 56
V053108	dry dia co drill 1/2 d 61
V053109	dry dia co drill 1/2 d 66
V053110	dry dia co drill 1/2 d 71
V053111	dry dia co drill 1/2 d 76
V053112	dry dia co drill 1/2 d 82
V053113	dry dia co drill 1/2 d 87
V053114	dry dia co drill 1/2 d 92
V053115	dry dia co drill 1/2 d 97
V053116	dry dia co drill 1/2 d 102
V053117	dry dia co drill 1/2 d 107
V053118	dry dia co drill 1/2 d 112
V053119	dry dia co drill 1/2 d 117
V053120	dry dia co drill 1/2 d 122
V053121	dry dia co drill 1/2 d 127
V053122	dry dia co drill 1/2 d 132

code	description
V110101	cutting oil 11 g
V110105	cutting oil 5l jerrycan
V110112	box of 12 cans 11 g
V110120	cutting oil 20l can
V110200	oil for cutting 1102
V110202	box of 12 spray cans
V110505	cutting oil can 5l ino 1105
V110605	synthetic cutting oil 5l
V124501	dies 1/4"-3/8" bspt rh
V124502	dies 1/2"-3/4" bspt rh
V124503	dies 1"-1 1/4" bspt rh
V124504	dies 1 1/2"-2" bspt rh
V124511	dies 1/4"-3/8" bspt lh
V124512	dies 1/2"-3/4" bspt lh
V124513	dies 1"-1 1/4" bspt lh
V124514	dies 1 1/2"-2" bspt lh
V124541	dies 1/4"-3/8" npt
V124542	dies 1/2"-3/4" npt
V124543	dies 1"-1 1/4" npt
V124544	dies 1 1/2"-2" npt
V126500	threader 65
V126503	dies 1"-1 1/4" bspt rh
V126504	dies 1 1/2"-2" bspt rh
V126505	dies 2 1/4"-3" bspt rh
V126513	dies 1"-1 1/4" bspt lh
V126514	dies 1 1/2"-2" bspt lh
V126515	dies 2 1/4"-3" bspt lh
V126520	threader 65 a
V126530	threader 65 al
V126543	dies 1"-1 1/4" npt
V126544	dies 1 1/2"-2" npt
V126545	dies 2 1/2"-3" npt
V126599	65 threader w/o dies 65 sp
V127500	threader 75
V127505	dies 2 1/4"-3" bspt rh
V127506	dies 3 1/2"-4" bspt rh
V127599	75 threader w/o dies 75 sp
V136095	housing w/handle 2 part1362
V136112	head m 20x1,5 1362
V136201	dies 1/8" bspt rh
V136202	dies 1/4" bspt rh
V136203	dies 3/8" bspt rh
V136204	dies 1/2" bspt rh
V136205	dies 3/4" bspt rh
V136206	dies 1" bspt rh
V136207	dies 1 1/4" bspt rh
V136211	dies 1/8" bspt lh
V136212	dies 1/4" bspt lh
V136213	dies 3/8" bspt lh
V136214	dies 1/2" bspt lh
V136215	dies 3/4" bspt lh
V136216	dies 1" bspt lh
V136217	dies 1 1/4" bspt lh
V136221	dies 1/8" npt
V136222	dies 1/4" npt
V136223	dies 3/8" npt
V136224	dies 1/2" npt
V136225	dies 3/4" npt
V136226	dies 1" npt
V136227	dies 1 1/4" npt

code	description
V136231	head 61/62 1/8 r bspt
V136232	head 61/62 1/4 r bspt
V136233	head 61/62 3/8 r bspt
V136234	head 61/62 1/2 r bspt
V136235	head 61/62 3/4 r bspt
V136236	head 61/62 1 r bspt
V136237	head 61/62 1 1/4 r bspt
V136241	head 61/62 1/8 l bspt
V136242	head 61/62 1/4 l bspt
V136243	head 61/62 3/8 l bspt
V136244	head 61/62 1/2 l bspt
V136245	head 61/62 3/4 l bspt
V136246	head 61/62 1 l bspt
V136247	head 61/62 1 1/4 l bspt
V136251	head 61/62 1/8 api npt
V136252	head 61/62 1/4 api npt
V136253	head 61/62 3/8 api npt
V136254	head 61/62 1/2 api npt
V136255	head 61/62 3/4 api npt
V136256	head 61/62 1 api npt
V136257	head 61/62 1 1/4 api npt
V136261	drop head threader 62m
V136262	drop head threader 62a
V136263	threader 1/2 a2 npt
V136267	drop head threader 62k
V136270	drop head threader 62c
V136280	drop head threader 62c/64d
V136281	threader 62c2/64d3
V136282	drop head threader 62b/64d
V136284	drop head threader 62k/64dg
V136290	housing w/shaft 61/62
V136292	housing w/shaft dbl ratchet
V136293	double housing w/shaft62/64
V136295	housing w/shaft 2 sections
V136299	empty chest 62k/64l
V136301	threader in plast. box 62b2
V136302	threader in plast. box rs
V136311	threader in plast.box 62c2
V136361	threader in plast.box 62s2
V136395	threader plast.box 1/2 3/4
V136397	die chasers 1,5 ar inox
V136408	dies 1 1/2"-2" bspt rh
V136418	dies 1 1/2"-2" bspt lh
V136428	dies 1 1/2"-2" npt
V136438	head 64 1 1/2 r bspt
V136439	head 64 2 r bspt
V136448	head 64 1 1/2 l bspt
V136449	head 64 2 l bspt
V136458	head 1 1/2 npt 1364
V136459	head 2 npt 1364
V136460	drop head threader 64 d
V136466	drop head threader 64 dg
V136490	head w/ stock 64
V136494	head w/o stock 64
V136495	stock w/ stock in 3 parts
V136498	case for threaders 64
V137003	dies 61/62 3/8"bspt r hss
V137004	dies 61/62 1/2"bspt r hss
V137005	dies 61/62 3/4"bspt r hss
V137006	dies 61/62 1" bspt r hss

code	description
V137007	dies 61/62 1 1/4 bspt r hss
V137014	dies 61/62 1/2"bspt l hss
V137015	dies 61/62 3/4"bspt l hss
V137016	dies 61/62 1" bspt l hss
V137024	dies 61/62 1/2"npt hss
V137025	dies 61/62 3/4"npt hss
V137026	dies 61/62 1" npt hss
V137043	head 61/62 3/8"bspt r hss
V137044	head 61/62 1/2"bspt r hss
V137045	head 61/62 3/4"bspt r hss
V137046	head 61/62 1" bspt r hss
V137047	head 61/62 1 1/4 bspt r hss
V137500	threading machine only 230v
V137501	blocking vice
V137502	adapter head 1362
V137505	threading machine only 115v
V137507	2 jaws for ss 1 1/4 1375
V137510	threader only with box
V137515	threader only with box
V137520	threading mach.220 1 1/2-2
V137530	threading mach.220 1/2 to 2
V137535	threading mach.110 1/2 to 2
V137540	threading mach.1/2 to 1 1/4
V160500	dies 3/8" bspt rh
V160510	dies 1/2"-3/4" bspt rh
V160511	dies 1/2"-3/4" npt
V160520	dies 1"-2" bspt rh
V160521	dies 1"-2" npt
V160522	dies 1"-2" bspp rh
V160525	dies 1"-2" bspt lh
V161100	pipe support 1615/17/18/40
V161110	pipe stand
V161500	dies 1/2"-3/4" bspt rh hss
V161505	dies 1"-2" bspt rh hss
V162120	2" threading machine
V162140	threading machine 4"
V162150	univers. manual threader 1/4-3/8'
V162151	univers. threading machine 1/2-2"
V162152	threading machine 2 1/2-4" bspt
V162153	threading machine 2 1/2-4" npt
V162201	bspt alloy 1/4-3/8 manual
V162202	bspt alloy 1/2-3/4 uni auto
V162203	bspt alloy 1 - 2 uni auto
V162204	bspt alloy 2.1/2-4 profilin
V162205	npt alloy 1/4-3/8 manual
V162207	npt alloy 1/2-3/4 uni auto
V162208	npt alloy 1 - 2 uni auto
V162209	npt alloy 2.1/2-4 profilin
V162301	bspt hss 1/4-3/8 manual
V162302	bspt hss 1/2-3/4 uni auto
V162303	bspt hss 1-2 uni auto
V162304	bspt hss 2.1/2-4 profiling
V162305	npt hss 1/4-3/8 manual
V162307	npt hss 1/2-3/4 uni auto
V162308	npt hss 1-2 uni auto
V162309	npt hss 2.1/2-4 profiling
V162400	portable groover 2-6"
V162420	mount base 2" machine
V162421	mount base 2" mach ridg#300
V162422	mount base 2"mach ridg#300c

code	description
V162423	mount base 2" mach ridg#535
V162424	mount base 1620 virax mach
V162425	mount base 2" machine rems
V162426	mount base 916 ridgid162120
V162430	mount base 4" machine
V162431	roller set 1"
V162432	roller set 1.1/2"
V162433	roller set 2-6 standard
V162450	1/2" nipple
V162451	3/4" nipple
V162452	1" nipple
V162453	1.1/4" nipple
V162454	1.1/2" nipple
V162455	2" nipple
V162456	2.1/2" nipple
V162459	4" nipple
V162460	2" threading machine cart
V162461	4" threading machine cart
V162470	pipe cutter wheel steel pipe
V162471	pipe cutter wheel inox pipe
V162501	dies 2"1/2-4" bspit rh
V162502	threader 2 1/2-4+adapt.1615
V162510	adaptator kit 1615
V200010	fixtub n 1 18/30
V200020	fixtub n 2 20-60
V200200	pipe vice 2" n o
V200201	vice fitted guide o
V200202	pair inf jaws vice 0/1
V200210	pipe vice 3" n 1
V200211	vice fitted guide 1
V200220	pipe vice 4 1/2" n 2
V200221	vice fitted guide 2
V200222	pair inf vice jaws 2
V200230	pipe vice 6" n 3
V200231	vice fitted guide 3
V200340	chain vice 2003 4
V200341	jaws for chain vice 4
V200342	comp chain vice 4
V200343	chain only for vice 4
V200350	chain vice 5
V200351	set 4 jaws/vice 5
V200352	dblc chain comp vice 5
V200410	parallel vice 105 2004
V200411	turning base 105 2004
V200412	parallel vice 125 2004
V200413	turning base 125 2004
V200415	parallel vice 150 2004
V200416	turning base 150 2004
V200500	bench only 2005
V200900	fitter's table 2009
V200905	economy workbench 50
V200910	fitter's table 108x64
V201202	de luxe sanitary bench
V210103	iron cutting wheel 10 90
V210110	pipe cutter 2101/1
V210120	pipe cutter 2101/2
V210121	5 iron cut.wheels 2101/2-3
V210122	5 cast iron cut.wheels 2101
V210123	5 stainless steel cut/wheel
V210125	stainless steel pipe cutter

code	description
V210130	pipe cutter 2101/3
V210141	5 iron cut.wheels 2101/44/6
V210142	5cast iron cut.wheels 2101/
V210145	pipe cutter new mod 2101/4
V210165	pipe cutter nm 2101/6
V210210	pipe cutter 2102/1
V210211	5 cast iron cut.wheel210210
V210220	pipe cutter 2102/2
V210221	5 cast iron cut.wheel210220
V210250	pipe cut const cast iron
V210251	5 cast cut/wheels
V210260	pipe cutter 2102/6 150
V210261	5 cut wheels 210260
V210265	pipe cutter 2102/6 300
V210266	5 cut wheels 210265
V210300	pipe cutter zr 32 - cu
V210305	copper pipe cutter 63
V210310	mini p cutter 16 2103
V210312	mini p cutter 28 2103
V210320	pipe cutter 2103/c28
V210335	pipe cutter 2103/c 42
V210340	pipe cutter zr 32 - s.steel
V210350	10cut/wheels copp 16 to 60
V210352	copper cutting wheel 4 70
V210355	5 copper cut/wheels 210305
V210360	10 cut/wheels ss 16 to 54
V210365	5 ss cutting wheels 210370
V210370	pipe cutter 63 stainl.steel
V210373	disp. 12 x zr 32 - cu 2103
V210390	pipe cutter 2103/m60
V210392	pipe cutter m60 stain.steel
V210610	plastic pipe cutter 2106/40
V210611	5 plastic cut.wheel 2106/40
V210620	pipe cutter plastic 2106/63
V210621	5 plastic cut.wheel 21061/2
V210630	plastic pipe cutter 2106/2
V210631	10 ms pipe cutting wheels
V210632	pipe cutter zr 32 - ml
V210636	5 plast/c/wheel 210635
V211001	5 steel cutting wheels
V211401	blade + rack 211426
V211402	blade 211442
V211403	blade 211463
V211426	pe pipe cutter 26 2114
V211442	pe pipe cutter 42 2114
V211463	pe pipe cutter 63 2114
V211501	blade 2115 pehd 125
V211502	blade 2115 pehd 225
V211503	blade 2115 pehd 323,8
V211512	pehd 125 pipe cutter
V211522	pehd 225 pipe cutter
V211532	pehd 323,8 pipe cutter(12")
V211627	plastic sheath cutt. 45/2.7
V211628	display 8x211627 + 8x211640
V211640	plastic sheath cutter 45-4
V214022	display 15 x pc 28 214026
V214026	plastic pipe cutter pc 28
V214028	plastic pipe cutter pc 28
V214040	plastic cutter virax pc40
V214041	spare blade 40

code	description
V214042	external reamer pc 40
V214060	display 6 x pc 40 214040
V214087	expo 6 pc40 + 12 zr 32
V220305	mounting rod 26x34 500
V220308	mounting rod 26x34 800
V220310	mounting rod 26x34x1000
V220315	rod 33x42x500 with guide
V220318	rod 33x42x800 with guide
V220320	mounting rod wt guide 33x42
V220410	ratchet 2204/2/3/p
V220420	key only 3/8 to 1 2204/2
V220425	key and ratchet 2204/2
V220430	key only 2204/3
V220435	key and ratchet 2204/3
V220460	wrench 3/8 1/2 3/4 2204/6
V220465	wrench 3/8 to 1"1/4 2204/6
V220610	clamp square 2206/35
V220620	clamp square 2206/50
V220630	bevel square 2206/3
V220640	500mm t-square 2206/4
V220820	point for drill d20 for cast iron 2208
V220825	point for drill d25 for cast iron 2208
V220832	point for drill d32 for cast iron 2208
V220840	point for drill d40 for cast iron 2208
V220900	arbor for saws 3/8x1 2209
V220901	arbor for saws 1.1/4" a 6"
V220902	n°2 morse taper adapter
V220903	pilot drill 2209
V220904	n°2 morse taper adapter
V220906	set of 12 hole saws in box
V220907	set of 9 hole saws in box
V220908	set of 5 hole saws in box
V220909	hole saw 9/16" 14,3 mm
V220910	hole saw 5/8" 15,9 mm
V220911	hole saw 11/16" 17,5 mm
V220912	hole saw 3/4 " 19 mm
V220913	hole saw 13/16" 20,6 mm
V220914	hole saw 7/8 " 22,2 mm
V220915	hole saw 15/16" 23,8 mm
V220916	hole saw 1" 25,4 mm
V220917	hole saw 1" 1/16 27 mm
V220918	hole saw 1" 1/8 28,6 mm
V220919	hole saw 1" 3/16 30,2 mm
V220920	hole saw 1" 1/4 31,7 mm
V220921	hole saw 1" 5/16 33,3 mm
V220922	hole saw 1" 3/8 34,9 mm
V220923	hole saw 1" 7/16 36,5 mm
V220924	hole saw 1" 1/2 38,1 mm
V220925	hole saw 1" 9/16 39,7 mm
V220926	hole saw 1" 5/8 41,3 mm
V220927	hole saw 1"11/16 42,9 mm
V220928	hole saw 1" 3/4 44,4 mm
V220929	hole saw 1"13/16 46 mm
V220930	hole saw 1" 7/8 47,6 mm
V220932	hole saw 2" 50,8 mm
V220933	hole saw 2" 1/16 52,4 mm
V220934	hole saw 2" 1/8 54 mm
V220936	hole saw 2" 1/4 57,1 mm
V220937	hole saw 2" 5/16 58,7 mm
V220938	hole saw 2" 3/8 60,3 mm

code	description	
V220940	hole saw 2" 1/2	63,5 mm
V220941	hole saw 2" 9/16	65,1 mm
V220942	hole saw 2" 5/8	66,7 mm
V220944	hole saw 2" 3/4	69,8 mm
V220946	hole saw 2" 7/8	73 mm
V220948	hole saw 3"	76,2 mm
V220950	hole saw 3" 1/8	79,4 mm
V220952	hole saw 3" 1/4	82,5 mm
V220954	hole saw 3" 3/8	85,7 mm
V220956	hole saw 3" 1/2	88,9 mm
V220958	hole saw 3" 5/8	92,1 mm
V220960	hole saw 3" 3/4	95,2 mm
V220962	hole saw 3" 7/8	98,4 mm
V220964	hole saw 4"	101,6 mm
V220966	hole saw 4" 1/8	104,8 mm
V220968	hole saw 4" 1/4	107,9 mm
V220970	hole saw 4" 3/8	111,1 mm
V220972	hole saw 4" 1/2	114,3 mm
V220976	hole saw 4" 3/4	120,6 mm
V220980	hole saw 5"	127 mm
V220988	hole saw 5" 1/2	139,7 mm
V220996	hole saw 6"	152,4 mm
V220997	expo 52 for hole saws	
V221070	electric pipe freezer	
V221071	freeze head 2"	
V221072	two adapters 1/2 to 1 1/4	
V221073	two adapters 1/8" to 3/8"	
V221074	vaporizer	
V221079	adapter strap	
V221099	siberia freezer with adapter up to 2"	
V221115	punch 15	2211
V221119	punch 19	2211
V221120	punch 20	2211
V221123	punch 23	2211
V221128	punch 28	2211
V221131	punch 31	2211
V221132	punch 32	2211
V221135	punch 35	2211
V221137	punch 37	2211
V221147	punch 47	2211
V221210	reamer ratchet	
V221220	reamer complete 2212/2	
V221242	2 x deburring tool n°1	
V221250	deburring tool copper	
V221251	multi int ext reamer 8-35	
V221252	multi int ext reamer 10-56	
V221259	flaring blade	
V221261	replaceable blade reamer	
V221265	5 copper pvc blades	
V221500	beveler	
V221501	blade + counter blade	
V221601	diamond hole saw d 6x30mm	
V221602	diamond hole saw d 8x30mm	
V221605	diamond hole saw d 16x35mm	
V221606	diamond hole saw d 18x35mm	
V221607	diamond hole saw d 22x35mm	
V221609	diamond hole saw d 27x35mm	
V221610	diamond hole saw d 32x35mm	
V221611	diamond hole saw d 35x35mm	
V221613	diamond hole saw d 40x35mm	

code	description	
V221614	diamond hole saw d 50x35mm	
V221616	diamond hole saw d 65x35mm	
V221630	boring guide hole saw	
V221701	diamond drill d 6 x 70mm	
V221702	diamond drill d 8 x 70mm	
V221703	diamond drill d 10 x 70mm	
V221704	diamond drill d 12 x 70mm	
V221710	barrel of drill	
V221711	boring guide drill	
V221712	head waster	
V221714	diam. drill set 6-8-10-12mm	
V240101	hydraulic oil 1 lit.	
V240102	virax jack oil 1 l. x 12	
V240103	tripod fo 2402 2408/1/2	98
V240105	tripod hr 2402/2 2408/2	98
V240106	tripod	2408/3
V240107	tripod	2408/1/2 fo
V240110	circular dolly fo 2408/1	
V240111	circular dolly hr fc 2408/1	
V240113	dolly	2402/1
V240114	dolly circ fo 2402/2	2408
V240115	dolly circ hr fc 2402/2	2408
V240116	dolly 2 1/2	2402/2
V240117	circular dolly 21/2x4 2402	
V240118	dolly open cheek	2402/2
V240119	dolly	2402/2
V240120	dolly	2408/3
V240122	gas former 2402/2	2" 1/2
V240123	gas former 2402/2	3"
V240124	short gas former	3" 1/2
V240125	short gas former	2402 4"
V240126	wooden chest	2402/1
V240127	wooden chest	2402/1
V240128	empty chest	2402/2
V240129	empty chest 2 1/2	2402/2
V240130	empty chest 4	2402/2
V240141	former 3/8 r 40	2402/2408
V240142	former 1/2 r 50	2402/2408
V240143	former 3/4 r 65	2402/2408
V240144	former 1 r100	2402/2408
V240145	former 1 1/4 r135	2402/2408
V240146	former 1 1/2 r160	2402/2408
V240147	former 2 r210	2402/2408
V240148	former 2 1/2 r350	2402/2408
V240149	former 3 r400	2402/2408
V240151	former 3/8 r 70	2402/2408
V240152	former 1/2 r 85	2402/2408
V240153	former 3/4 r110	2402/2408
V240154	former 1 r135	2402/2408
V240155	former 1 1/4 r170	2402/2408
V240156	former 1 1/2 r200	2402/2408
V240160	thin wall form 12	2402/08
V240161	thin wall form 13	2402/08
V240162	thin wall form 14	2402/08
V240163	thin wall form 15	2402/08
V240164	thin wall form 16	2402/08
V240165	thin wall form 18	2402/08
V240166	thin wall form 20	2402/08
V240167	thin wall form 22	2402/08
V240168	thin wall form 25	2402/08

code	description	
V240169	thin wall form 28	2402/08
V240170	thin wall form 30	2402/08
V240171	thin wall form 32	2402/08
V240172	thin wall form 35	2402/08
V240173	thin wall form 38	2402/08
V240174	thin wall form 40	2402/08
V240175	thin wall form 45	2402/08
V240176	thin wall form 50	2402/08
V240177	ms former 40 r 160	
V240178	ms former 50 r 200	
V240179	ms former 63 r 252	
V240185	two dollies multilayer pipe	
V240186	wooden box	2408
V240188	chest bender without former	
V240190	complete yoke 180 cdc	
V240191	former w/ 2 dollies	180 3/8
V240192	former w/ 2 dollies	180 1/2
V240193	former w/ 2 dollies	180 3/4
V240194	former w/ 2 dollies	180 1
V240195	former w/ 2 dollies	180 1" 1/4
V240196	former w/ 2 dollies	180 1" 1/2
V240197	former w/ 2 dollies	180 2
V240200	ram handle 2402/1/2	
V240201	ram	2402/1
V240202	ram	2402/2
V240203	ram	2402/3
V240204	handle extension 2402	
V240206	adapter base 4" 2402	
V240207	ram head 2402	
V240208	piston ferrule 4" /2	
V240210	open cheek gas	2402/1
V240211	pair cheeks	1 1/4
V240216	open cheek gas	2402/2
V240217	pair cheeks	/2
V240218	lower cheek	2402/2
V240219	upper cheek	2402/2
V240220	inf cheek 2 1/2	2402/2
V240221	upper cheek2 1/2	2402/2
V240222	lower cheek 21/2x4	2402/08
V240223	apper cheek 21/2x4	2402/08
V240225	pair cheeks fc elec	36/48
V240226	pair cheeks fc locksmith	
V240228	cheek 3/8 to 3	2408/3
V240233	bender 3/8 to 1 1/4 fc cb	
V240235	bender 3/8 to 1 1/2 fo cb	
V240241	bender 3/8 to 2 hr cb	
V240242	bender 3/8 to 2 fo cb	
V240243	bender 3/8 to 2 fc cb	
V240248	bender 2 1/2 to 4 hr cb	
V240252	bender 3/8 to 3	2402/3
V240279	thin pipe bender 2-cb-cl	
V240801	ram mono 220v only 2408/1	
V240802	ram mono 220v only 2408/2	
V240803	ram mono 220v only 2408/3	
V240811	auto stop monophas2408/1/2	
V240841	bender 2 220v hi resist2408	
V240842	bender 2 220v openflask2408	
V240843	elect.bender 2 220 sc2408	
V240851	bender 3/8 to 4 220v	
V240852	bender 3/8 to 3 220v 2408/3	

code	description	
V240895	bender 2 220v hi gas	mc
V250000	crossbow bender only	
V250001	cheeks and c.f 10 and 16	
V250002	cheeks and c.f 18 and 22	
V250003	cheeks and c.f 26 and 32	
V250004	250ssbow bender case	
V250010	former 10mm r 31	
V250012	former 12mm r 34	
V250014	former 14mm r 40	
V250015	former 15mm r 40	
V250016	former 16mm r 49	
V250018	former 18mm r 72	
V250020	former 20mm r 80	
V250022	former 22mm r 88	
V250026	former 26mm r 95	
V250032	former 32mm r114	
V250050	former 3/8" r 30	
V250051	former 1/2" r 40	
V250052	former 5/8" r 50	
V250053	former 3/4" r 80	
V250054	former 7/8" r 90	
V250060	bender 10-12-15-18-22	
V250065	bender 10-12-14-16-18-20-22	
V250080	m-layer bend.16-18-20-26-32	
V250095	bender 3/8-1/2-5/8-3/4-7/8	
V250100	crossbow bender 10 to 22	
V250101	crossb bender10-12-15-18-22	
V250102	crossbow bender 18-22	
V250103	crossb bender 3/8" to 7/8"	
V250104	mc pipe bender 16-20-26	
V250105	mc pipe bender 24-18-22-26	
V250130	cheeks and c.f 10 to 16	
V250131	cheeks and c.f 18 to 22	
V250132	cheeks and c.f 26	
V250137	former 16 with screw	
V250139	former 20 with screw	
V250148	crossbow bender only	
V250151	bender ms 14-16-18-20-26	
V250159	former 15 screwless	
V250160	former 10 screwless	
V250161	former 12 screwless	
V250162	former 14 screwless	
V250163	former 16 screwless	
V250164	former 18 screwless	
V250165	former 20 screwless	
V250166	former 22 screwless	
V250167	former 24 screwless	
V250168	former 26 screwless	
V250169	former 28 screwless	
V250170	former 3/8" screwless	
V250171	former 1/2" screwless	
V250172	former 5/8" screwless	
V250173	former 3/4" screwless	
V250174	former 7/8" screwless	
V250200	mounted body	2502
V250201	rapid advance lever	2502
V250203	bench support	2502
V250205	step mandril 8 to 18	2502
V250206	step mandril 15 to 22	2502
V250208	barrel spindle	2502

code	description	
V250210	slide 8x10x20x22	2502
V250211	barrel 8x10x20x22	2502
V250212	slide 12x14x16x18	2502
V250213	barrel 12x14x16x18	2502
V250214	slide 12x15x18x22	2502
V250215	barrel 12x15x18x22	2502
V250216	slide 5/16-3/8-7/8	2502
V250217	barrel 5/16-3/8-7/8	2502
V250218	slide 1/2-5/8-3/4	2502
V250219	barrel 1/2-5/8-3/4	2502
V250221	universal formers d 8	
V250222	universal formers d10	
V250223	universal formers d12	
V250224	universal formers d14	
V250225	universal formers d15	
V250226	universal formers d16	
V250227	universal formers d18	
V250228	universal formers d20	
V250229	universal formers d22	
V250232	former d10mm short rad	2502
V250233	former d12mm short rad	2502
V250234	former d14mm short rad	2502
V250235	former d15mm short rad	2502
V250236	former d16mm short rad	2502
V250237	former d18mm short rad	2502
V250238	former d20mm short rad	2502
V250239	former d22mm short rad	2502
V250241	universal formers d 5/16	
V250242	universal formers d 3/8	
V250243	universal formers d 1/2	
V250244	universal formers d 5/8	
V250245	universal formers d 3/4	
V250246	universal formers d 7/8	
V250251	concentric former 8	250221
V250252	concentric former 10	250222
V250253	concentric former 12	250223
V250254	concentric former 14	250224
V250255	concentric former 15	250225
V250256	concentric former 16	250226
V250262	concentric former 10	250232
V250263	concentric former 12	250233
V250264	concentric former 14	250234
V250265	concentric former 15	250235
V250266	concentric former 16	250236
V250267	concentric former 18	250237
V250270	bender w/out former	2502
V250271	bender colp 8x22 slide	2502
V250272	bender colp10x22 slide	2502
V250273	bender 12x22 slide 15	2502
V250274	bender colper 8x22 slide	
V250275	bender colper 10x22 slide	
V250280	bender 5/16" to 7/8" slide	
V250281	bender 8x22 barrel	2502
V250282	bender 10x22 barrel	2502
V250283	bender 12x22 bar (15)	2502
V250284	bender 8x22 bar se	
V250285	bender 10x22 bar se	
V250286	bender 12x22 bar sr	2502
V250401	hammer flange tool 2504/14	
V250402	hammer flange tool is 2504	

code	description	
V250403	hammer flange tool 2504/22	
V250411	90die/perc.flangtool2504/14	
V250412	mandril 90 with 15 2504/22	
V250413	90die/perc.flangtool2504/22	
V250414	90die/perc.flangtool2504/40	
V250421	mandril 8x14 for	2504/14
V250422	mandril 10 for	2504/14
V250423	mandril 12 for	2504/14
V250431	mandril 10x18 for	2504/22
V250432	mandril 12x20 for	2504/22
V250433	mandril 14x22 for	2504/22
V250434	mandril 15x22 for	2504/22
V250435	mandril 16 for	2504/22
V250441	90flaring tool for 2504/14	
V250442	90flaring tool for 2504/22	
V250443	90flaring tool for 2504/40	
V250447	60flaring tool/ 2504/22	
V250580	frigor	
V250620	flaring tool	
V251010	bending spring 2511 8x10	
V251012	bending spring 2510 10x12	
V251014	bending spring 2510 12x14	
V251015	bending spring 2510 13x15	
V251016	bending spring 2510 14x16	
V251018	bending spring 2510 16x18	
V251020	bending spring 2510 18x20	
V251022	bending spring 2510 20x22	
V251042	int bending spring 9x1100	
V251044	int bending spring 11x1100	
V251046	int bending spring 13x1100	
V251048	int bending spring 15x1100	
V251050	int bending spring 17x1100	
V251052	int bending spring 19x1100	
V251106	bending plier 2511	6x1
V251108	bending plier 2511	8x1
V251110	bending plier 2511	10x1
V251112	bending plier 2511	12x1
V251114	bending plier 2511	14x1
V251115	bending plier 2511	15x1
V251116	bending plier 2511	16x1
V251118	bending pliers 2511	18x1
V251121	bending plier 2511 1/4	
V251122	bending plier 2511 5/16	
V251123	bending plier 2511 3/8	
V251124	bending plier 2511 1/2	
V251125	bending plier 2511 5/8	
V251408	bending plier 8 x 1	2514
V251410	bending plier 10 x 1	2514
V251412	bending plier 12 x 1	2514
V251414	bending plier 14 x 1	2514
V251415	bending plier 15 x 1	2514
V251416	bending plier 16 x 1	2514
V251800	bender 14,4v 12-14-16-18-22	
V251802	bender 12-14-16-18-22	
V251803	bender with box	
V251805	bender 14,4v 12-15-18-22	
V251806	bender 14,4v 16-20-26-32 ms	
V251807	bender 12-15-18-22	
V251808	bender 230v 16-20-26-32 ms	
V251809	tripod eurostem ii	

code	description		
V251810	tooling	10 r 40	2518
V251812	former	12 r 45	2518
V251814	former	14 r 50	2518
V251815	former	15 r 55	2518
V251816	former	16 r 60	2518
V251818	former	18 r 70	2518
V251820	tooling	20 r 77	2518
V251822	former	22 r 77	2518
V251825	tooling	25 r 98	2518
V251826	tooling	26 r 98 ms	2518
V251828	tooling	28 r 98	2518
V251829	tooling	28 r 112	2518
V251831	tooling	32 r 110 ms	2518
V251832	guiding former	12 + 15	2518
V251833	guiding former	14 + 16	2518
V251834	guiding former	18 + 22	2518
V251835	former rp	12 r 75	2518
V251836	former rp	14 r 80	2518
V251837	former rp	16 r 90	2518
V251838	former rp	18 r 105	2518
V251839	former rp	22 r 120	2518
V251841	battery	12v 1,3ah	2518
V251842	charger	230/12v 1,7ah	2518
V251843	battery	14,4v 1,7ah	2518
V251845	bender	14,4v 15-22-28	
V251846	bender	14,4v 15-18-22	
V251847	bender	230v 15-22-28	
V251848	bender	230v 15-18-22	
V251850	bender	14,4 1/2-5/8-3/4-7/8	
V251852	bender	230 1/2-5/8-3/4-7/8	
V251860	tooling	3/8 r 40	2518
V251863	former	1/2 r 45	2518
V251866	former	5/8 r 55	2518
V251869	former	3/4 r 70	2518
V251872	former	7/8 r 77	2518
V251879	tooling	1 1/8 r 98	2518
V251882	guiding former	1/2+5/8	2518
V251883	guiding former	3/4+7/8	2518
V251910	tooling	10	2519
V251912	former	12	2519
V251914	former	14	2519
V251915	former	15	2519
V251916	former	16	2519
V251918	former	18	2519
V251920	tooling	20	2519
V251922	former	22	2519
V251925	tooling	25	2519
V251928	tooling	28	2519
V251929	tooling stain.st28x1,2		2519
V251932	guiding former	12 + 15	2519
V251933	guiding former	14 + 16	2519
V251934	guiding former	18 + 22	2519
V252600	forming plier only		2526
V252601	expanding tool	8	2526
V252602	expanding tool	10	2526
V252603	expanding tool	12	2526
V252604	expanding tool	14	2526
V252605	expanding tool	15	2526
V252606	expanding tool	16	2526
V252607	expanding tool	18	2526

code	description		
V252608	expanding tool	20	2526
V252609	expanding tool	22	2526
V252610	expanding tool	25	2526
V252611	expanding tool	28	2526
V252612	expanding tool	32	2526
V252613	expanding tool	35	2526
V252614	expanding tool	36	2526
V252615	expanding tool	40	2526
V252616	expanding tool	42	2526
V252622	expanding tool	3/8	2526
V252623	expanding tool	1/2	2526
V252624	expanding tool	5/8	2526
V252625	expanding tool	3/4	2526
V252626	expanding tool	7/8	2526
V252627	expanding tool	1	2526
V252628	expanding tool	1 1/8	2526
V252632	expanding tool	1 1/4	2526
V252633	expanding tool	1 3/8	2526
V252634	expanding tool	1 1/2	2526
V252635	expanding tool	1 5/8	2526
V252637	case 5 tools 3/8to7/8"		2526
V252640	box + plier without tool		
V252641	case 5 tools 12 to 22		2526
V252642	case 4 tools 12 to 22		2526
V252643	case 3 tools 15 22 28		2526
V252644	case 7 tools 12 to 32		2526
V252645	case 3/8-1/2-5/8-3/4		2526mc
V252651	box 6 tools 3/8-11/8		2526mc
V252665	expanding tool 22x1,5		2526
V252667	expanding tool 28x1,5		2526
V252668	expanding tool 35x1,5		2526
V252669	expanding tool 42x1,5		2526
V252679	case 5 tools 12-15-18-22-28		
V252681	case 7 tools 3/8 to 1 1/8"		
V252701	drill		2527
V252702	marking pliers		2527
V252703	trigger		2527
V252710	collar expander	10	2527
V252711	collar expander	12	2527
V252712	collar expander	14	2527
V252713	collar expander	15	2527
V252714	collar expander	16	2527
V252715	collar expander	18	2527
V252716	collar expander	20	2527
V252717	collar expander	22	2527
V252719	collar expander	28	2527
V252720	collar expander	32	2527
V252721	collar expander	35	2527
V252723	collar expander	40	2527
V252724	collar expander	42	2527
V252730	box 5 tools 12 to 22		2527
V252801	drill		2528
V252802	tool holder		2528
V252803	reversible motor 220v		2528
V252804	hexagonal drive		2528
V252810	t-flange tool	10	2528
V252812	t-flange tool	12	2528
V252814	t-flange tool	14	2528
V252815	t-flange tool	15	2528
V252816	t-flange tool	16	2528

code	description		
V252818	t-flange tool	18	2528
V252820	t-flange tool	20	2528
V252822	t-flange tool	22	2528
V252830	"extrudax"(5 tools)		2528
V252860	t-flange tool	3/8	2528
V252861	t-flange tool	1/2	2528
V252862	t-flange tool	5/8	2528
V252863	t-flange tool	3/4	2528
V252864	t-flange tool	7/8	2528
V252880	copper shapping kit		12-22
V252883	copper shapping kit		3/8-7/8
V252900	viper i 10 only in case		
V252901	press fittings th		12
V252902	press fittings th		14
V252903	press fittings th		15
V252904	press fittings th		16
V252905	press fittings th		17
V252906	press fittings th		18
V252907	press fittings th		20
V252908	press fittings th		25
V252909	press fittings th		26
V252911	press fittings th		32
V252915	press fittings u		16
V252916	press fittings u		18
V252917	press fittings u		20
V252918	press fittings u		25
V252919	press fittings u		32
V252923	battery 12v 2.2ah ni-mh		
V252926	charger 1h 220v ni-cd/mh		
V252932	battery 14,4v 3ah ni-mh		
V252939	case for 6 press fittings		
V252942	press fittings h		14
V252943	press fittings h		16
V252944	press fittings h		17
V252945	press fittings h		18
V252946	press fittings h		20
V252947	press fittings h		25
V252948	press fittings h		26
V252949	press fittings h		32
V252951	press fittings m		12
V252952	press fittings m		15
V252953	press fittings m		18
V252954	press fittings m		22
V252955	press fittings m		28
V252956	press fittings m		14
V252957	press fittings m		16
V252961	press fittings v		12
V252962	press fittings v		15
V252963	press fittings v		18
V252964	press fittings v		22
V252965	press fittings v		28
V252966	press fittings v		14
V252967	press fittings v		16
V252981	press fittings g		16
V252982	press fittings g		20
V252983	press fittings g		26
V252984	press fittings g		32
V253001	crimping plier th		12
V253002	crimping plier th		14
V253003	crimping plier th		15

code	description
V253004	crimping plier th 16
V253005	crimping plier th 17
V253006	crimping plier th 18
V253007	crimping plier th 20
V253008	crimping plier th 25
V253009	crimping plier th 26
V253010	viper p 10 only in case
V253011	crimping plier th 32
V253012	crimping plier th 40
V253013	crimping plier th 50
V253018	case 4 crimp. pliers <28mm
V253019	case for 3+2 crimping plier
V253020	viper p 20 case+charg+batt
V253021	viper p20+ case+charg+batt
V253023	battery 18v 3 ah ni-mh
V253025	case for viper p20-p21
V253030	viper p 21 case+charg+batt
V253031	viper p21+ case+charg+batt
V253050	crimping pliers m 14
V253051	crimping plier m 12
V253052	crimping plier m 15
V253053	crimping plier m 18
V253054	crimping pliers m 22
V253055	crimping pliers m 28
V253056	crimping pliers m 35
V253057	crimping pliers m 42
V253058	crimping pliers m 54
V253059	crimping pliers m 16
V253060	crimping pliers v 12
V253061	crimping pliers v 14
V253062	crimping pliers v 15
V253063	crimping pliers v 16
V253064	crimping pliers v 18
V253065	crimping pliers v 22
V253066	crimping pliers v 28
V253067	crimping pliers v 35
V253068	crimping pliers v 42
V253069	crimping pliers v 54
V253090	crimping pliers h 12
V253091	crimping pliers h 14
V253092	crimping pliers h 16
V253093	crimping pliers h 17
V253094	crimping pliers h 18
V253095	crimping pliers h 20
V253096	crimping pliers h 25
V253097	crimping pliers h 26
V253098	crimping pliers h 32
V253099	crimping pliers h 40
V253101	crimping pliers ha 10,5
V253102	crimping pliers ha 12
V253103	crimping pliers ha 14
V253104	crimping pliers ha 16
V253105	crimping pliers ha 20
V253106	crimping pliers ha 26
V253107	crimping pliers ha 32
V253108	crimping pliers ha 40
V253111	crimping pliers u 14
V253112	crimping pliers u 16
V253113	crimping pliers u 18
V253114	crimping pliers u 20

code	description
V253115	crimping pliers u 25
V253116	crimping pliers u 32
V253117	crimping pliers u 40
V253118	crimping pliers u 50
V253119	crimping pliers u 63
V253120	crimping pliers+g3742 u 75
V253130	original pliers g 16
V253131	original pliers g 20
V253132	original pliers g 26
V253133	original pliers g 32
V253134	original pliers g 40
V253135	original pliers g 50
V253235	press fittings h 12 offset
V253236	press fittings h 14 offset
V253237	press fittings h 16 offset
V253238	press fittings h 17 offset
V253239	press fittings h 18 offset
V253240	viper m20+ case+charg+batt
V253241	main jaw for m20+ and m24
V253242	14,4v 2,4ah battery
V253243	230v charger bat 14,4v 2,4a
V253245	press fittings h 20 offset
V253252	press fittings rf 16
V253253	press fittings rf 20
V253254	press fittings rf 25
V253255	press fittings rf 32
V253265	press fittings th 12 offset
V253266	press fittings th 14 offset
V253267	press fittings th 15 offset
V253268	press fittings th 16 offset
V253269	press fittings th 17 offset
V253270	press fittings th 18 offset
V253271	press fittings th 20 offset
V253272	press fittings u 16 offset
V253273	press fittings u 20 offset
V253274	press fittings v 12 offset
V253275	press fittings v 14 offset
V253276	press fittings v 15 offset
V253277	press fittings v 16 offset
V253278	press fittings v 18 offset
V253281	press fittings u 14 offset
V253300	push-fit 16-20-25-32 pe s5
V253302	push-fit 12-16-20-32 pe s5
V253303	push-fit 12-16-20-25-32pes5
V253312	reducer 12 - pe s5
V253316	adapteur 16 - pe s5
V253320	reducer 20 - pe s5
V253325	reducer 25 - pe s5
V253332	adapler 32 - pe s5
V253333	reducer v - pe s5
V253334	reducer plat - d18 pe s5
V253335	reducer plat - d12 pe s5
V253380	pushing plier pe s5
V253381	pushing plier box pe s5
V253401	expander 16-20-25-32 pe s5
V253402	expander 12-16-20 pe s5
V253403	expander 12-16-20-25-32pes5
V253412	expander head 12 pe s5
V253416	expander head 16/20 pe s5
V253425	expander head 25 pe s5

code	description
V253432	expander head 32 pe s5
V253480	expander pe s5
V253481	expander box pe s5
V260515	riveting hammer 2605/30
V260520	riveting hammer 2605/35
V260525	riveting hammer 2605/40
V260550	dinging hammer 2605/26
V260555	dinging hammer 2605/30
V260620	mason's hammer 1250 g 2606
V261000	lead expanding plier 2610
V261010	plumber's broach 2610
V261400	sanicrom wrench 2614/32
V261401	sanicrom jaw 2614/32
V261406	sanicrom jaw 2614/49
V261410	sanicrom wrench 2614/32/49
V261420	sanicrom wrench 2614/2
V261450	telesc basin wrench 2614/38
V261451	upper jaw 2614/38
V261460	telesc basin wrench 2614/76
V261461	upper jaw 2614/76
V261470	tap wrench
V261620	plug wrench w/head 2616/2
V261621	plug wrench w/o head 2616/2
V261622	head for plug wrench 2616/2
V262000	test pump 100b 2620/0
V262010	test pump 50b 2620/1
V262020	test pump 25b 2620/2
V262030	compact test pump 50
V262040	virax test pump 5 l 25 bar
V262080	test pump gas
V262111	rodor cutter 2621/11
V262112	rodor cutter 2621/12
V262113	rodor cutter 2621/13
V262114	rodor cutter 2621/14
V262115	rodor cutter 2621/15
V262116	rodor cutter 2621/16
V262117	rodor cutter 2621/17
V262118	rodor cutter 2621/18
V262120	rodor cutter 2621/20
V262122	rodor cutter 2621/22
V262123	rodor cutter 2621/23
V262124	rodor cutter 2621/24
V262126	rodor cutter 2621/26
V262130	rodor cutter 2621/30
V262132	rodor cutter 2621/32
V262181	cutter holder only n°1
V262182	cutter holder only n°2
V262191	rodor 11-22 2621/1
V262600	filetfix iii 2626
V262601	filetfix iii x 12 2626
V262630	leak detector 2626
V262631	leak detectors x 6 2626
V262688	3 filetfix iii
V262699	60 filetfix iii
V262700	12 works site pencils 2627
V263600	radiator lift
V263610	water heater lift
V263615	forks for water heater lift
V263900	automatic twister 2639
V264500	bare reseating device 2645

code	description		
V264501	bit	3/8 -17/150	2645
V264502	bit	1/2 -18/150	2645
V264503	bit	3/4 -20/150	2645
V264504	bit	19/150-21/150	2645
V264505	bit	23/150-26/150	2645
V264506	bit	18/125-19/125	2645
V264507	bit	20/125-21/125	2645
V264508	bit	23/125-25/100	2645
V264509	bit	20/100-22/100	2645
V264510	bit	18/125	2645
V264511	bit	18/150	2645
V264513	flat cutter	d13 mm	2645
V264514	flat cutter	d14 mm	2645
V264515	flat cutter	d15 mm	2645
V264516	flat cutter	d16 mm	2645
V264518	flat cutter	d18 mm	2645
V264519	flat cutter	d19 mm	2645
V264521	flat cutter	d21 mm	2645
V264524	flat cutter	d24 mm	2645
V264535	conical cutter	d15 mm	2645
V264540	10 mm extension		2645
V264542	20 mm extension		2645
V264544	40 mm extension		2645
V264560	box with 9 bits		2645
V270110	combi-check	2701/1	
V290000	pair of gloves		
V290115	ferret wire brush	1,5m n°1	
V290120	ferret wire brush	1,5m n°2	
V290121	ext ferret	n°2	
V290122	wire brush	n°2	
V290130	ferret wire brush	1,5m n°3	
V290131	ext ferret	n°3	
V290132	wire brush	n°3	
V290140	ferret claw	n°4	
V290141	ext ferret	n°4	
V290142	wire brush	n°4/80	
V290143	wire brush	n°4/100	
V290145	claw only ferret	n°4	
V290146	cork screw head	2901/4	
V290150	revolving pipe cleaner		
V290151	wc extension for 290150		
V290152	rubber cone		
V290153	extension difficult access		
V290154	5 rubber nozzles		
V290155	carrying case		
V290199	pipe cleaner		
V290200	pipe cleaner	2902	
V290202	display	10x290200+14x290600	
V290205	pipe cleaners x 6	2902	
V290400	pipe cleaner oil	2904	
V290510	hand pipe cleaner	2905	
V290512	flexible auger	2905	
V290520	telescopic hand pip. cleaner		
V290600	"spin n clean"		
V290602	"spin n clean" x 8	2906/0	
V290605	cable		
V290611	articulated auger	2906/1	
V290615	cable	7,5mx6,3mm w/auger	
V290621	articulated auger	2906/2	
V290625	cable	10,5mx9,5mm w/auger	

code	description		
V290630	pipe cleaning machine	val25	
V290710	hand pipe cleaner	3/8	
V290715	cable	50x3/8 w/auger	2907
V290720	hand pipe cleaner	1/2	
V290721	articulated auger	2907/2	
V290725	cable	50x1/2 w/auger	2907
V291000	pipe cleaning machine	val35	
V291001	pipe cleaning mach.	val35e	
V291011	cable	7,5mx6,3mm aug. cartr	
V291012	cable	15mx6,3mm aug. cartr	
V291013	cable	7,5mx8,0mm aug. cartr	
V291014	cable	7,5mx8,0mm down head	
V291015	cable	7,5mx9,5mm cartridge	
V291016	cable	10,5x10,0mm cartridge	
V291017	arrow head	2910	
V291018	side cutter blades	1 1/4"	
V291019	down head boring gimlet	9,5	
V291020	down head fitting	9,5/12,7	
V291025	5/16" el basin pug head		
V291026	5/16" down head		
V291200	pip. cleaning machine	val80	
V291201	pip. cleaning machine	val80e	
V291211	1 1/2" u cutter		
V291212	2" side cutter blades		
V291213	boring gimlet	9,5/12,7 mm	
V291214	22,5m x 9,5mm cable		
V291215	15m x 12,7mm cable		
V291216	22,5m x 12,7mm cable		
V291217	arrow head cutter	9,5/12,7	
V291219	small retrieving ttr	9,5/12,7	
V291220	flexible leader	33cm 12,7	
V291221	dolly	val 80	
V291223	j-drum for	6,3 & 8mm cables	
V292011	spear head f/cable	16/19 mm	
V292012	side cutter blade	6"	
V292013	five blade cutter		
V292014	large retrieving tool		
V292015	flexible leader	84cm 16/19	
V292016	rotary saw blades	4"	
V292021	3" heavy duty saw blade		
V292024	3" rotary saw blades		
V292026	3" side cutter blades		
V292027	4" side cutter blades		
V292028	cable	30mx16mm	
V292030	pipe cleaning machine	val90	
V292031	cable	30mx19mm	
V292032	2" u cutter		
V292033	4" u cutter		
V292034	8" heavy duty saw blade		
V292038	3"-6" heavy duty ext. cutter		
V292039	root cutter f/cable	16/19mm	
V292046	3" u cutter		
V293031	pip. clean. spirals with core		
V293102	pipe cleaner	val 95 (16mm)	
V293103	pipe cleaner	val 95 (22mm)	
V293104	drum cables	8 & 9,5mm val95	
V293111	2,3mx16mm sectional cable		
V293112	4,6mx22mm sectional cable		
V293113	boring gimlet	cable 16mm	
V293114	1 1/2" u cutter		

code	description		
V293115	corkscrew head	f/16mm cable	
V293116	arrow head for	16mm cable	
V293117	down head bor. gimlet	16mm	
V293118	assemblage tool	16mm cable	
V293119	spear head	for 22mm cable	
V293120	hook auger	for 22mm cable	
V293121	2" u cutter	for 22mm cable	
V293122	3" u cutter	for 22mm cable	
V293123	corkscrew head	f/22mm cable	
V293124	spade cutter	for 22mm cable	
V293125	coupling key	for 22mm cable	
V293260	high pressure pipe cleaner		
V293265	high pressure pipe cleaner		
V293270	hose	20m 1/8 for 293260	
V293271	3 spray nozzle	for 293260	
V293272	4 spray nozzle	1/8 293260	
V293273	turbo nozzle	1/8 for 293260	
V293274	turbo nozzle	for 293260	
V293275	turbo nozzle	for 293265	
V294020	visioal camera	d.40-150	
V294021	centering guide	d 150mm	
V294022	replacment brushes	294021	
V294023	guidance ball		
V294024	d 50mm sleeve		
V294026	video usb convert		
V294027	294020 battery		
V294028	chimney guidance weight		
V295000	descaling pump	15l	
V295010	descaling fluid	for steel and copper 10kg	
V295015	neutralising agnet	1kg	
V311458	kit	3114 1,5 to 8	
V335000	reducing shears		
V335010	reducing shears	lg 52mm	
V341800	set of 8 screwdrivers		
V341810	box of 8 screwdrivers		
V342500	kit	25 screwdrivers 342501	
V342501	screwdriver	7 bits	
V342510	kit	15 screwdrivers 342511	
V342511	screwdriver	7 bits torx	
V342520	kit	16 screwdrivers 342521	
V342521	screwdriver	6 bits	
V344910	univ shears	3449 250	
V344920	contour shears	3449 250	
V344973	set knif blad	for 344970 om	
V360000	70 hand cleaner towels		
V360001	60 box hand cleaner towels		
V371741	measuring tape	3mx19mm	
V371742	measuring tape	5mx25mm	
V371744	20 x 371741 display		
V371745	10 x 371742 display		
V382640	toolbox	50cm (20")	
V382641	toolbox	66cm (26")	
V382645	wheelcase		
V382665	leather plumber bag	(35l)	
V382670	leather tool bag	2619/1	
V382685	metal tool bag		
V382698	tool bag		
V400001	universal set	- 5kg	
V400002	set	r404-134a-22-407c 5kg	
V400003	ser	r410a - 5kg	

code	description	
V400004	universal set - 50kg	
V400005	set r404-134a-22-407c - 50kg	
V400006	set r410 - 50kg	
V400100	vacuum pump	
V400140	oil for vacuum pump	
V400141	solenoid valv+vac. gau. kit	
V400150	recovery kit	
V400200	red flexible hose	
V400201	blue flexible hose	
V400202	yellow flexible hose	
V400203	red flex. hose with valve	
V400204	blue flex. hose with valve	
V400205	yellow flex. hose w/valve	
V400250	red flexible hose r410	
V400251	blue flexible hose r410	
V400252	yellow flexible hose r410	
V400253	red flex hose + val. r410	
V400254	blue flex hose + val. r410	
V400255	yel. flex hose + val. r410	
V400290	10 hose joints	
V400291	10 depressors hose	
V400300	mani 2v r404-r134-r22-r407	
V400301	manifold 2v r410	
V400302	mani 4v r404-r134-r22-r407	
V400303	manifold 4v r410	
V400310	set 2v r404-r134-r22-r407	
V400311	set 2v r410	
V400312	set 4v r404-r134-r22-r407	
V400313	set 4v r410	
V400350	scale from 0 to 3kg	
V400351	scale from 0 to 50kg	
V400400	leak detector - d1	
V400401	sensor tip	
V400402	leak detector - d2	
V400403	sensor tip	
V400404	leak detector - d3	
V400405	sensor tip	
V400407	clamp-on ammeter	
V400450	washing systems	
V400460	thermometer	
V400470	aut. valve core remover	
V400500	dynamometric wrench	
V400501	square ratchet wrench	
V400502	hex. and sq. ratchet wrench	
V400503	fin combs with 6 spaces	
V400504	fin combs	
V400505	capillary pinch out	
V400506	pinch-off pliers	
V400507	bending spring 1/4"	
V400508	bending spring 5/16"	
V400509	bending spring 3/8"	
V400510	bending spring 7/16"	
V400511	bending spring 1/2"	
V400512	bending spring 5/8"	
V400600	¼ sae coupling for bottle	
V400601	5/16 sae coupling for bottle	
V520000	handle piezo m16	
V520001	handle piezo 3/8	
V520011	burner piezo d 11	
V520012	burner piezo d 14	

code	description	
V520013	burner piezo d 18	
V520014	burner piezo d 22	
V520020	burner turbo piezo d 13	
V520021	burner turbo piezo d 18	
V520022	burner turbo piezo d 22	
V520025	piezo gyroflam burner 22	
V520042	torch turb 18 m16 butane	
V520050	torch turbo 18 m16	
V520051	torch turbo 18 3/8	
V520061	kit piezo turb 18 turn nf	
V520500	handle piezo hm m16	
V520501	piezo hm turbo 18 m16	
V520504	kit piezo hm turn hose m16	
V520510	handle piezo hm 3/8	
V520511	piezo hm turbo 18 3/8	
V521000	handle trigger m16	
V521001	handle trigger 3/8	
V521010	head 81	
V521011	head 82	
V521012	head 87	
V521020	turbojet nozzle 007	
V521021	turbojet nozzle 008	
V521030	brazing burner 990	
V521031	brazing burner 997	
V521050	turbo torch 007 nf m16	
V521060	fitter kit turb 007 nf	
V521200	torch gp	
V521515	12 autonom/torch cylind6040	
V521516	autonomous torch cylind6040	
V521550	autonomous torch cylind6040	
V521552	autonomous torch xb3	
V521555	8 autonomous torch xb3 5215	
V521560	autonomous torch cylind6040	
V521562	autonomous torch xb3 piezo	
V521565	8 autonomous torch xb3piezo	
V523001	ignition plug	
V523020	2 swivels copper 250	
V523021	2 swivels copper 300	
V523022	2 swivels copper 400	
V523029	15 swivels copper 300g	
V524000	handle needle valve m16	
V524010	soldering iron head 99	
V524054	soldering iron 300 nf	
V524070	plumb.kit w hose + coupl.nf	
V525000	handle trigger long m16	
V525013	burner jet 3	
V525014	burner jet 4	
V525021	single conn tube n°31	
V525022	single connecting tube n°33	
V525023	single connecting tube n°34	
V525070	waterproofer's torch j3 m16	
V525072	waterproofer's torch j4 m16	
V525090	waterproofing kit nf	
V526000	press regulat 1,5-4 bar nf	
V526001	press regulat 1,5-4 bar a	
V526010	press regulat 2 bar nf	
V526020	press regulat 4 bar nf	
V527022	electric welder cobraz 28	
V527030	graph. electrodes	
V527032	bar electrodes with support	

code	description	
V527033	5 x 527038	
V527038	cylind-electrod supportless	
V527054	electric welder cobraz 54	
V527056	brush	
V528012	4m prop hose + coupling 3/8	
V528013	4m prop hose + connect nf	
V528037	tube 10m 6x13 w. connector	
V528040	40m plast prop hose+collars	
V528210	coupling 16x1,5 lh d 6	
V528211	coupling 3/8 lh d 6	
V528260	portable cylinder 1,6 kg	
V528265	bottle tap with long flexi.	
V528270	straight fill conn type nf	
V528280	flint igniter	
V528282	20 flint igniters	
V528285	6 packs of flints	
V528290	flexible protector x2	
V528294	20 set of 2 flexible protec	
V528346	soft solder 250g d 2mm	
V528400	flux past 125 ml	
V528420	virax smartflux - 250g	
V529000	injector d 10	
V529001	injector d 11	
V529002	injector d 14 t 13	
V529003	injector d18 t18 a5	
V529004	injector d 22 t 22	
V529007	sparker	
V529008	connector	
V529009	combined hook foot	
V529011	head of tap	
V529012	wheel of tap	
V529013	connector	
V529015	flat connector of sold.iron	
V529018	head of tap	
V529019	wheel	
V529020	brass hand-wheel	
V529021	head of tap	
V529022	brass hand-wheel	
V529024	long pawl	
V529025	axel of pawl	
V529032	injector for turbojet 007	
V529033	injector for torch 81	
V529034	injector for torch 82	
V529036	injector for torch 88	
V529038	injector for torch 96/97	
V529039	injector fas 77-85	
V529040	injector for jet 2	
V529041	injector for jet 3	
V529042	injector for jet 4	
V529043	injector superturbojet 008	
V529044	injector jet 1	
V529045	inj. sold-iron 70/75	
V529046	inj. sold-iron 770	
V529047	mixing chamber diffuser	
V529050	diffus/combustion 86-87	
V529051	mixing-cone/combust 007	
V529052	diffuser/combustion 89	
V529053	diffus/combustion 96-97	
V529055	complete tap	
V529058	air ring for 007-87	

code	description
V529063	lock-nut/handle 300
V529064	stainless steel stand
V529068	single connector tube d10
V529069	torch fixing screw
V529073	burner piezo d10
V529076	burner piezo d18
V529078	burner turbo piezo d13
V529079	burner turbo piezo d18
V529081	injector lance piezo d80 5290
V529085	inject.sold.iron head piezo
V529086	inject.for acet.torch d5
V750018	link attach wrench 1/4-6"
V750109	adjuster viragrip 18
V750110	heel jaw 18
V750112	hook jaw viragrip 18
V750113	adjuster viragrip 24
V750114	heel jaw 24
V750116	hook jaw viragrip 24
V750117	adjuster viragrip 36
V750118	heel jaw 36
V750119	set 2 springs 36
V750120	hook jaw viragrip 36
V750123	springs tubar alu 14
V750129	10 pins gripping 140
V750130	10 pins
V750131	blade holder for 049050
V750147	die tray b 45/603
V750148	guide tray n 45
V750149	washer and clip op 45
V750150	operating handle d
V750151	set of 3 guides j 45
V750152	ring with ratchet 45
V750153	stop joint for ring m
V750154	set arms tu 45
V750155	upper washer/screw a nm
V750156	body w/o ratchet c nm
V750157	die tray b 65
V750158	guide tray n 65
V750160	operating handle
V750162	blocking pin
V750163	blocking lever
V750164	lever/washer l
V750166	ring with ratchet
V750167	stop joint for ring
V750171	die tray b 75
V750172	guide tray n 75
V750175	ring with ratchet
V750176	stop joint for ring m
V750179	ratchet complete45/62/65/75
V750180	ratchet 61/62
V750188	10 joints/head 61/62
V750191	stock with handle
V750192	set stocks/threader 64
V750200	bearing
V750201	ring for head 64
V750202	rotor shaft
V750203	ring for head 62
V750204	bearing
V750205	shaft with pinion
V750208	washer

code	description
V750210	pinion gear
V750211	clutch carrier
V750212	pinion gear
V750213	washer
V750215	clutch shaft
V750216	shaft with pinion
V750219	pawn
V750220	housing
V750221	screw
V750222	screw
V750223	handle
V750224	housing red.
V750225	cap
V750227	vice grip with jaw
V750236	assembled inverter
V750238	spring pin
V750240	shaft with pinion
V750242	motor screw
V750243	set brushes
V750244	motor 220v
V750245	reversing shaft
V750247	bearing
V750248	pinion gear
V750249	switch + trigger
V750250	jaws for vice
V750408	bearing 6006 2 rs
V750409	bearing 6002 2 rs
V750413	frnt bearing reducer
V750446	rear motor bearing 608-2rs
V750546	reamer head /18/2212
V750547	support bolt
V750600	reservoir cap
V750631	gauze filter
V750696	oiler hose only 4"
V750758	complete ram /1
V750759	5 rollers /1
V750760	10 roller spindles /1
V750761	10 cutting spindles /1
V750762	10 cutting spindles /1
V750764	5 rollers /2 /3
V750765	p cutter 2 bed 50
V750766	peg bed p cutter 1-6
V750767	complete ram 250
V750768	10 rol/spindles /2/3
V750769	10 cut/spindles 250/350
V750770	10 c.wheel spindle 2-3-1615
V750771	rod with handle /2/3
V750772	stop . pipe cutter
V750774	guide pipe cutter 3
V750775	complete ram 350
V750776	5 rollers pc /4 /6
V750777	pcutter mov arm /4/6
V750778	complete ram 45
V750779	10 rol/spindles /4/6
V750780	10 c.wheel spindle 4-6-
V750781	rod with handle /4/6
V750782	complete ram 65
V750783	10 cutting spindles 10
V750784	10 ferrule rods 10
V750785	yoke 10

code	description
V750786	ferrule section 10
V750787	handle 10
V750788	section 10
V750789	complete rod 10
V750790	operating bolt 10
V750791	10cut/spindles 20
V750792	10 ferrule rods 20
V750793	yoke 20
V750794	ferrule section 20
V750795	handle 20
V750796	section 20
V750797	complete rod 20
V750798	operating bolt 20
V750799	yoke body 20
V750800	shaft / handle 50
V750801	spring / chain 50
V750802	cotter pin 50
V750803	brace / handle 50
V750804	front screw stop 50
V750805	chain link 50
V750806	sliding block 50
V750807	shaft/cutting wheel 50
V750808	body 50
V750809	link brace 50
V750810	10 cut/spindles 10
V750811	complete ram 20
V750812	10 rollers 20
V750813	10 roller spindles 20
V750814	rod handle 20
V750815	10 cut/spindles 20
V750816	10 rollers+10rol/spindles
V750817	10 cutting spindles
V750818	tool holder+pin
V750819	ram + screw
V750820	screw
V750821	10 pommel screws
V750827	square rod 30
V750828	screw pc 30
V750829	pommel screw 30/35
V750830	10cut/spindles 30/35
V750831	acetate pommel 30/35
V750832	quick lock 30/35
V750833	10 rollers 30
V750834	10 roller spindles 30
V750835	10 reamers comp 30
V750836	square rod 35
V750837	screw pc 35
V750838	10 rollers 35
V750839	10 rol/spindles 35
V750840	10 reamers comp 35
V750841	10 rollers 2103/c 70
V750842	10 roller spindles /c70
V750843	10 roller spindles m 60
V750844	5 spliced bars
V750846	fixed body /1
V750847	movable body /1
V750848	movable handle /1/2/3
V750849	rod /1/2/3
V750850	shaft rod /1/2/3
V750851	shaft body /1/2/3

code	description	
V750852	knob m 60 and zr 32	
V750854	bearing	/1
V750855	stop	/1
V750857	knob	/1/2/3
V750858	knife holder	/1/2/3
V750859	vice	/2
V750860	fixed body	/2
V750861	movable body	/2
V750862	tool carriage	/2
V750863	ring	/2
V750864	bearing	/2
V750865	stop	2105/2
V750866	retaining ring	/2
V750875	4 rollers	/20
V750876	5cut/spindles	/20
V750877	nut + pin + spring	/20
V750878	set of springs	/42
V750879	lower ve pehd 125 pipe cut.	
V750900	stop pin	
V750902	threaded spindle	/5/6
V750903	saw d 20 plastic	
V750904	saw d 25 plastic	
V750905	saw d 32 plastic	
V750906	saw d 40 plastic	
V750921	19 to 32 screw	
V750922	35 to 47 screw	
V750923	47 screw old model	
V750924	screw	15
V750925	body and head	
V750926	body pin	
V750927	mounting ferrule	
V750928	10 balls d 4	
V750929	head only	/2
V750934	adjustable ring	/6
V750965	lever peg	/1/2
V750966	rod	/1/2
V750967	small piston	/1
V750968	scraper gasket	/1
V750969	small piston guide	/1
V750970	small piston gasket	/1
V750971	control spring	/1/2
V750972	bearing	/1/2
V750989	return screw	/1/2
V750990	gasket return screw	/1/2
V750991	screw stop	/1/2
V750992	stop bearing	/1/2
V751001	small piston	/2
V751022	large piston mounted	/2
V751025	joints accessories	/1
V751026	joints accessories	/2
V751040	gaskets and access	/1/2
V751041	air tight screw	2402/2408
V751044	gaskets/accessories	/3
V751048	mod 1 & 3 crossbow pinion	
V751052	pin+spring 1-3-4 crossbow	
V751054	ball + spring 1-3-4	2501
V751078	spring	
V751080	hook	
V751083	bolt	12/13
V751084	bolt	12/13

code	description	
V751085	10 pins	12/13
V751086	complete frigor rod	
V751136	mandril spindle	
V751209	piston	
V751210	manometer 25 bar	
V751211	manometer 50 bar	
V751212	flexible with coupling	
V751213	maintenance bag	/1/2
V751219	cable for radiator lift	
V751220	belt	/1
V751221	cable for water heater lift	
V751222	winch without cable	/0/1
V751232	connection ferret 2	
V751235	connection ferret 3	
V751237	ferret handle no4	
V751240	hollow extension tube,short	
V751241	hollon extension tube,long	
V751242	handle	
V751243	piston	
V751244	handle for body	
V752210	rod/handle	/1
V752211	5 balls	1/2
V752212	cutting spindle	/1/2/3
V752213	rod/handle	/2
V752214	rod/handle	/3
V752215	5 balls	/3
V752216	manometer 50 bar	/3
V752217	piston	/3/4
V752218	maintenance bag	/3/4
V752219	manometer 25 bar	/4
V752220	manometer 50 bar	/5
V752221	filter	/5/6
V752222	piston	/5/6
V752223	maintenance bag	/5/6
V752224	manometer 25 bar	/6
V752225	spinlock hex nut	
V752226	pan hd.slt.plast.t-20	
V752227	3/16x1/2" drivlok pin	
V752228	8-32 hex nut	
V752229	screw 8-16x 3/4" 0450	
V752230	screw 8-32x1"1/4 0450	
V752231	screw 8-16x2"1/4 0450	
V752232	screw 8-32x 3/8" 0450	
V752233	screw 8-16x 5/8" 0450	
V752234	blade clamp screw	
V752235	truss hd.taptite t-10	
V752236	pan hd.slt.plast.t-15	
V752237	switch module assembly	
V752238	shoe assembly	
V752240	230v field	
V752241	brush holder assembly	
V752242	brush retaining cap	
V752243	primary wobble plate	
V752244	secondary wobble plate	
V752245	shoe release lever	
V752246	ext.retaining ring	
V752247	wobble shaft	
V752248	reciprocating spindle	
V752249	spindle bearing	
V752250	bearing cap	

code	description	
V752252	gear case insulator	
V752253	needle bearing	
V752254	gear case	
V752255	motor housing	
V752256	shoe post	
V752257	diaphragm	
V752259	chain with pin	
V752260	stop pin	/6
V752261	threaded spindle	
V752262	comp chain vice	
V752263	pipe cutter 1/4-4	
V752264	oil reservoir	
V752265	cutting spindle	
V752266	set rollers+rol/spindl.	
V752267	reamer only	
V752278	die plate	
V752279	reamer body	
V752282	3 sliding blocks w/ojaw	
V752283	3 jaws with springs	
V752286	pipe cutter 1/4-2	
V752310	pipe wrench	
V752312	carbon brush	
V752313	cord set	0450
V752314	cord protector	
V752315	brush spring	
V752316	switch	
V752317	o-ring	
V752318	counter balance	
V752319	lock pin	
V752320	seal retainer	
V752321	polypak seal	
V752322	felt seal	
V752323	dust shield	
V752324	tube chassis	
V752325	washer	
V752326	axle wobble shaft	
V752327	5 pins	
V752328	5 blade pins	
V752329	5 ratchet pin	
V752330	5 advance ratchets	
V752331	5 stoppage ratchets	
V752332	5 pins	
V752334	5 stoppage springs	
V752335	5 advance springs	
V752336	5 reamer springs	
V752337	5 hooks with springs	2140
V752338	5 blade springs	
V752339	5 retaining rings	
V752340	5 rod pins	
V752341	5 retaining rings	
V752342	5 blade stops	
V752343	5 hex nuts ps	
V752344	5 pins	
V752345	5 cross bars	
V752346	5 rods	
V752348	rack 211442	42
V752349	rack 211463	63
V752359	autom. basic threader 1/4-2	
V752360	manual basic thread.2 1/2-4	
V752361	handle + screw	p.c.

code	description	
V752362	fitted stand	p.c.
V752363	reamer	
V752364	reamer head	
V752365	reamer lock lever	
V752366	lock lever spring	
V752367	lock lever pin	
V752368	pump	
V752369	pump input pipe	
V752370	pump output pipe	
V752371	pump fitting	
V752372	pump pipe clip	
V752373	chips tank	
V752374	chips tank grille	
V752375	tank fixing rod	
V752376	tank fitting	
V752377	tank strainer	
V752378	tank ball strainer	
V752379	tripod	
V752380	tripod pad	
V752381	tripod platform	
V752383	platform pin	
V752384	fastening screw	
V752385	fastening nut	
V752386	rotor 220v 50hz un	
V752387	motor 220v 50hz un	
V752388	carbon brush 220v	
V752389	brush retaining cap	
V752390	elec.control 220un+ped.	
V752391	elec.control 220un	
V752393	lead body	
V752394	lead spiral	
V752395	lead washer	
V752396	3 leads kit	
V752397	drift nylon bushing	
V752398	mandrel body	
V752399	mandrel spiral	
V752400	mandrel wheel	
V752402	threading screw	
V752403	tray advance pignon	
V752404	plunger thread.release	
V752405	thread. spring release	
V752406	threader release	
V752407	threader shaft	
V752408	clamp lever	
V752409	threader lever	
V752410	threader lever pin	
V752411	threader spacer	
V752412	threader link	
V752413	threader pin link	
V752414	threader lever pin	
V752415	threader lever wash.	
V752416	threader lever nut	
V752418	reamer knob	
V752419	foot pedal	
V752420	bracket stop	
V752421	24 square for 1375 adapt.	
V752422	upper oil tray	
V752423	63,6 i.d 1375 reducer	
V752441	switch	
V752442	blade 0.8 x 5	

code	description	
V752443	blade 1 x 7	
V752444	plade pz 1	
V752445	blade pz2	3425
V752446	phillips blade ph 13425	
V752447	blade ph 2	
V752448	wrench for blade	
V752473	bit torx t 10	
V752474	bit torx t 15	
V752475	bit torx t 20	
V752476	bit torx t 25	
V752485	bit torx t 30	
V752486	bit torx t 40	
V752487	manometer 60 mbar	/8
V752488	manometer 0 to 4 bar	/8
V752492	spindle + screw	
V752493	drill	
V752494	tap	/1/2
V752495	tap	/3/4
V752496	tap	/5/6
V752497	ball and spring	
V752509	upper body pc pehd 225	
V752510	screww ass pc pehd 225	
V752514	rotor 230v	
V752516	single phase motor 230	
V752517	switch 230v	
V752518	three phases motor 400	
V752519	switch 400v	
V752520	plunger	/00
V752521	manometer 100 bar	/00
V752522	maintenance bag	/0
V752523	3 jaws with springs	
V752536	arbor adapter	
V752537	spacer	
V752546	connector	
V752548	switch 95 single phase	
V752549	switch 95 three phase	
V752553	3 mandrel jaws set	
V752554	3 jaws (old model)	
V752555	jaw setting + spring	
V752556	3 jaws with springs	
V752557	motor 115v	
V752558	rotor 230v	
V752559	baffle	
V752561	diaphragme assembly	
V752565	motor housing complete 1375	
V752586	screw for fixing blade 0450	
V752590	injector for head	
V752591	injector for head	
V752600	blade ph2 3425	
V752601	release tappet 1620	
V752602	truck crank 1620	
V752603	set of springs	26
V752604	set of springs	63
V752614	red handle x100 x200 x300	
V752615	cable grippers	
V752616	set rollers for power feed	
V752620	set rollers for power feed	
V752622	foot pedal only	
V752623	power switch diaphragm	
V752624	set of 3 positions switch 2	

code	description	
V752625	set of 3 positions switch 2	
V752626	clutch jaws & springs (3)	
V752627	v-belt	
V752630	foot pedal 2912	
V752634	capacitor 806-5964	
V752635	capacitor 806-5965	
V752636	anti static 115v	
V752637	drum val 80	
V752638	set of 3 rearguides	
V752639	wheel 55	
V752640	wheel 51	
V752641	blade clamp 12,7	
V752642	blade clamp 19	
V752643	pommel	
V752644	motor 115v un	
V752648	reamer body	
V752649	rotor 115v	
V752651	repair kit	
V752652	2 closures n°4 1375/2501	
V752653	spare blades (2) 211627/40	
V752655	latches larg 60 for 2222	
V752656	latches for 1363/2501/2526	
V752657	capacitor	
V752658	spare blades (2)	
V752659	gear number 9	
V752661	lever and knob	
V752662	rear guide body	
V752663	part no. 2	
V752664	part no. 5	
V752665	part no. 8	
V752666	part no. 9	
V752667	part no. 12-13-14	
V752668	retaining ring	/1
V752669	die plate threader 2 1/2-4	
V752671	set brushes	
V752673	screw part no. 34	
V752674	nut part no. 21	
V752675	rear guiding spiral	
V752677	bearing	
V752678	forward chuck spiral	
V752679	rear guiding spiral	
V752680	rotor ventilator	
V752681	connector "t"	
V752685	bearing	
V752686	ips gear assembly	
V752694	guide arm	
V752695	drive arm	
V752697	reducer assy	
V752698	anti static 230 v	
V752699	internal gear rep.14	
V752700	cradle	
V752701	stator 230v	
V752702	water heater lift ball	
V752705	carbon brush holder	
V752706	rotor ventilator	
V752707	motor hood	
V752708	v-belt (45") val 80	
V752709	connection val 80	
V752715	pump	
V752716	micro central without engine	

code	description
V752718	micro central tank
V752719	switch on the integrated card m20
V752720	engine 230v 50hz
V752721	engine 110v 60hz
V752733	3/8" female connect. em cab
V752737	5/8" female connector
V752765	turning knob for beveler
V752766	lead wire assembly
V752767	spindle and nut for dolly
V752768	pipe cutter handle
V752770	lever
V752771	rack rod + rivet
V752772	reversal lever
V752773	ratchet + gear
V752776	switch
V752777	rack for former screwless
V752778	feed cable 230v
V752781	hook 10
V752782	hook 12
V752783	hook 14
V752784	hook 15
V752785	hook 16
V752786	hook 18
V752787	hook 22
V752788	hook 28
V752793	rotor for 2518 230 v
V752797	guiding former screw
V752798	output gear 2518
V752799	shaft assy
V752800	clutch shaft assy
V752805	ram 2518
V752807	output shaft locking
V752824	guiding former 28
V752840	blade tensioner for 049000
V752841	right handle
V752842	left handle
V752843	guide arm
V752844	drive arm
V752845	gear 1625/1630
V752846	mandrel wheel
V752847	mandrel body
V752848	mandrel cover
V752849	extension water heater lift
V752850	screw for fixing blade 1/4
V752851	reciprocating spindle
V752852	spring of reciproc. spindle
V752853	blade clamp 12,7 mm
V752854	blade clamp 19 mm
V752855	blade clamp screw
V752856	wrench 5/32 for blade
V752866	water heater lift pulley
V752868	pin for cradle 1630 code 54
V752883	switch
V752886	brush (1) for v200/v300
V752887	brush retaining cap
V752888	rotor
V752889	armature for v 130c
V752890	stator for v 130c
V752891	joint
V752892	joint

code	description
V752893	trolley shaft rep.50
V752894	shaft washer rep.51
V752895	screw fhcl/ 90 m 8- 18
V752896	trolley stock rep.52
V752897	switch 230v
V752898	v 130/2 switch
V752900	condenser and anti static
V752902	threader washer with screw
V752906	water heater lift wheel (1)
V752907	brush (2) for v130
V752908	brush (2) for v130 bis
V752909	plastic box only 250104
V752920	guiding former 20
V752921	guiding former 25
V752922	guiding former 1"1/8
V752923	guiding former
V752936	complete plier cobraz
V752937	screws with nuts electrodes
V752938	repair kit
V752939	sealing washer
V752940	check valve assembly
V752941	manometer
V752942	wheel with nut (qty:2)
V752943	hose
V752944	manometer
V752945	foot pedal
V752946	transport handle
V752947	upper body pc pehd 125
V752948	1375 box
V752949	blade 0.8 x 2.5
V752964	ceg hose
V752965	1/2 g f fitting
V752966	7/8 g m fitting
V752967	20/150 m fitting
V752968	ceg bag
V752987	adapter spring 32 pe s5
V752988	pushing plier rack pe s5
V752989	switch for cobraz 28 & 54
V753001	rotor v130c 0500
V753002	stator for 1375
V753007	ball screw for m20+
V753008	ball screw bit for m20+
V753009	motor for m20+
V753010	electronic board for m20+
V753011	pressing head for m20+
V753012	v130 switch
V753033	washer 40x3,7 dc
V753034	polyester filter for 050057
V753035	filter for 050057
V753036	wire for 050057
V753037	switch for 050057
V753038	holder (1)for 050057
V753039	2,5m hose for 050057
V753040	plastic bend for 050057
V753041	bevel nozzle for 050057
V753042	plastic pipe for 050057
V753043	round brush for 050057
V753044	water nozzel with wheels
V753045	nozzle with wheels 050057
V753046	pvc reducer for 050057

code	description
V753052	handle for 050016
V753054	drill for 050058-050059
V753056	pump + hose 221630
V753057	boring guide for 221630
V753058	case for 221714
V753059	closing for case 221714
V753060	wrench of 12 for 221714
V753061	btr wrench for 221714
V753062	pressing head for m24
V753064	locking pin with lock rings
V753065	pressure gauge pump 050043
V753066	carbon brushes 2" machin(2)
V753068	jaw only for machine 2"
V753069	insert set 2" machine
V753070	jaw only for 4" machine
V753071	insert set for 4" machine
V753072	pipe cutter 2" machine
V753073	pipe cutter 4" machine
V753074	reamer head 2" machine
V753075	reamer head cone 2" machine
V753076	reamer head 4" machine
V753077	reamer head cone 4" machine

ON S ON T O N H S NTO T S

0"		1"		2"		3"		4"		5"		6"		7"		8"		inches	
+	=	+	=	+	=	+	=	+	=	+	=	+	=	+	=	+	=	=	=
	mm		mm		mm		mm		mm		mm		mm		mm		mm		mm
$\frac{1}{64}$	0,397	0	25,400	0	50,800	0	76,200	0	101,600	0	127,000	0	152,400	0	177,800	0	203,200	9	228,6
$\frac{1}{32}$	0,794	$\frac{1}{64}$	25,797	$\frac{1}{64}$	51,197	$\frac{1}{64}$	76,597	$\frac{1}{64}$	101,997	$\frac{1}{64}$	127,397	$\frac{1}{64}$	152,797	$\frac{1}{64}$	178,197	$\frac{1}{64}$	203,597	10	254,0
$\frac{3}{64}$	1,191	$\frac{1}{32}$	26,194	$\frac{1}{32}$	51,594	$\frac{1}{32}$	76,994	$\frac{1}{32}$	102,394	$\frac{1}{32}$	127,794	$\frac{1}{32}$	153,194	$\frac{1}{32}$	178,594	$\frac{1}{32}$	203,994	11	279,4
$\frac{1}{20}$	1,270	$\frac{3}{64}$	26,591	$\frac{3}{64}$	51,991	$\frac{3}{64}$	77,391	$\frac{3}{64}$	102,791	$\frac{3}{64}$	128,191	$\frac{3}{64}$	153,591	$\frac{3}{64}$	178,991	$\frac{3}{64}$	204,391	12	304,8
$\frac{1}{16}$	1,588	$\frac{1}{16}$	26,988	$\frac{1}{16}$	52,388	$\frac{1}{16}$	77,788	$\frac{1}{16}$	103,188	$\frac{1}{16}$	128,588	$\frac{1}{16}$	153,988	$\frac{1}{16}$	179,388	$\frac{1}{16}$	204,788	13	330,2
$\frac{5}{64}$	1,984	$\frac{5}{64}$	27,384	$\frac{5}{64}$	52,784	$\frac{5}{64}$	78,184	$\frac{5}{64}$	103,584	$\frac{5}{64}$	128,984	$\frac{5}{64}$	154,384	$\frac{5}{64}$	179,784	$\frac{5}{64}$	205,184	14	355,6
$\frac{3}{32}$	2,381	$\frac{3}{32}$	27,781	$\frac{3}{32}$	53,181	$\frac{3}{32}$	78,581	$\frac{3}{32}$	103,981	$\frac{3}{32}$	129,381	$\frac{3}{32}$	154,781	$\frac{3}{32}$	180,181	$\frac{3}{32}$	205,581	15	381,0
$\frac{7}{64}$	2,778	$\frac{7}{64}$	28,178	$\frac{7}{64}$	53,578	$\frac{7}{64}$	78,978	$\frac{7}{64}$	104,378	$\frac{7}{64}$	129,778	$\frac{7}{64}$	155,178	$\frac{7}{64}$	180,578	$\frac{7}{64}$	205,978	16	406,4
$\frac{1}{8}$	3,175	$\frac{1}{8}$	28,575	$\frac{1}{8}$	53,975	$\frac{1}{8}$	79,375	$\frac{1}{8}$	104,775	$\frac{1}{8}$	130,175	$\frac{1}{8}$	155,575	$\frac{1}{8}$	180,975	$\frac{1}{8}$	206,375	17	431,8
$\frac{9}{64}$	3,572	$\frac{9}{64}$	28,972	$\frac{9}{64}$	54,372	$\frac{9}{64}$	79,772	$\frac{9}{64}$	105,172	$\frac{9}{64}$	130,572	$\frac{9}{64}$	155,972	$\frac{9}{64}$	181,372	$\frac{9}{64}$	206,772	18	457,2
$\frac{5}{32}$	3,969	$\frac{5}{32}$	29,369	$\frac{5}{32}$	54,769	$\frac{5}{32}$	80,169	$\frac{5}{32}$	105,569	$\frac{5}{32}$	130,969	$\frac{5}{32}$	156,369	$\frac{5}{32}$	181,769	$\frac{5}{32}$	207,169	19	482,6
$\frac{11}{64}$	4,366	$\frac{11}{64}$	29,766	$\frac{11}{64}$	55,166	$\frac{11}{64}$	80,566	$\frac{11}{64}$	105,966	$\frac{11}{64}$	131,366	$\frac{11}{64}$	156,766	$\frac{11}{64}$	182,166	$\frac{11}{64}$	207,566	20	508,0
$\frac{3}{16}$	4,762	$\frac{3}{16}$	30,162	$\frac{3}{16}$	55,562	$\frac{3}{16}$	80,962	$\frac{3}{16}$	106,362	$\frac{3}{16}$	131,762	$\frac{3}{16}$	157,163	$\frac{3}{16}$	182,563	$\frac{3}{16}$	207,963	21	533,4
$\frac{13}{64}$	5,159	$\frac{13}{64}$	30,559	$\frac{13}{64}$	55,959	$\frac{13}{64}$	81,359	$\frac{13}{64}$	106,759	$\frac{13}{64}$	132,159	$\frac{13}{64}$	157,559	$\frac{13}{64}$	182,959	$\frac{13}{64}$	208,359	22	558,8
$\frac{7}{32}$	5,556	$\frac{7}{32}$	30,956	$\frac{7}{32}$	56,356	$\frac{7}{32}$	81,756	$\frac{7}{32}$	107,156	$\frac{7}{32}$	132,556	$\frac{7}{32}$	157,956	$\frac{7}{32}$	183,356	$\frac{7}{32}$	208,756	23	584,2
$\frac{15}{64}$	5,953	$\frac{15}{64}$	31,353	$\frac{15}{64}$	56,753	$\frac{15}{64}$	82,153	$\frac{15}{64}$	107,553	$\frac{15}{64}$	132,953	$\frac{15}{64}$	158,353	$\frac{15}{64}$	183,753	$\frac{15}{64}$	209,153	24	609,6
$\frac{1}{4}$	6,350	$\frac{1}{4}$	31,750	$\frac{1}{4}$	57,150	$\frac{1}{4}$	82,550	$\frac{1}{4}$	107,950	$\frac{1}{4}$	133,350	$\frac{1}{4}$	158,750	$\frac{1}{4}$	184,150	$\frac{1}{4}$	209,550	25	635,0
$\frac{17}{64}$	6,747	$\frac{17}{64}$	32,147	$\frac{17}{64}$	57,547	$\frac{17}{64}$	82,947	$\frac{17}{64}$	108,347	$\frac{17}{64}$	133,747	$\frac{17}{64}$	159,147	$\frac{17}{64}$	184,547	$\frac{17}{64}$	209,947	26	660,4
$\frac{9}{32}$	7,144	$\frac{9}{32}$	32,544	$\frac{9}{32}$	57,944	$\frac{9}{32}$	83,344	$\frac{9}{32}$	108,744	$\frac{9}{32}$	134,144	$\frac{9}{32}$	159,544	$\frac{9}{32}$	184,944	$\frac{9}{32}$	210,344	27	685,8
$\frac{19}{64}$	7,541	$\frac{19}{64}$	32,941	$\frac{19}{64}$	58,341	$\frac{19}{64}$	83,741	$\frac{19}{64}$	109,141	$\frac{19}{64}$	134,541	$\frac{19}{64}$	159,941	$\frac{19}{64}$	185,341	$\frac{19}{64}$	210,741	28	711,2
$\frac{5}{16}$	7,938	$\frac{5}{16}$	33,338	$\frac{5}{16}$	58,738	$\frac{5}{16}$	84,138	$\frac{5}{16}$	109,538	$\frac{5}{16}$	134,938	$\frac{5}{16}$	160,338	$\frac{5}{16}$	185,738	$\frac{5}{16}$	211,138	29	736,6
$\frac{21}{64}$	8,334	$\frac{21}{64}$	33,734	$\frac{21}{64}$	59,134	$\frac{21}{64}$	84,534	$\frac{21}{64}$	109,934	$\frac{21}{64}$	135,334	$\frac{21}{64}$	160,734	$\frac{21}{64}$	186,134	$\frac{21}{64}$	211,534	30	762,0
$\frac{11}{32}$	8,731	$\frac{11}{32}$	34,131	$\frac{11}{32}$	59,531	$\frac{11}{32}$	84,931	$\frac{11}{32}$	110,331	$\frac{11}{32}$	135,731	$\frac{11}{32}$	161,131	$\frac{11}{32}$	186,531	$\frac{11}{32}$	211,931	31	787,4
$\frac{23}{64}$	9,128	$\frac{23}{64}$	34,528	$\frac{23}{64}$	59,928	$\frac{23}{64}$	85,328	$\frac{23}{64}$	110,728	$\frac{23}{64}$	136,128	$\frac{23}{64}$	161,528	$\frac{23}{64}$	186,928	$\frac{23}{64}$	212,328	32	812,8
$\frac{3}{8}$	9,525	$\frac{3}{8}$	34,925	$\frac{3}{8}$	60,325	$\frac{3}{8}$	85,725	$\frac{3}{8}$	111,125	$\frac{3}{8}$	136,525	$\frac{3}{8}$	161,925	$\frac{3}{8}$	187,325	$\frac{3}{8}$	212,725	33	838,2
$\frac{25}{64}$	9,922	$\frac{25}{64}$	35,322	$\frac{25}{64}$	60,722	$\frac{25}{64}$	86,122	$\frac{25}{64}$	111,522	$\frac{25}{64}$	136,922	$\frac{25}{64}$	162,322	$\frac{25}{64}$	187,722	$\frac{25}{64}$	213,122	34	863,6
$\frac{13}{32}$	10,319	$\frac{13}{32}$	35,719	$\frac{13}{32}$	61,119	$\frac{13}{32}$	86,519	$\frac{13}{32}$	111,919	$\frac{13}{32}$	137,319	$\frac{13}{32}$	162,719	$\frac{13}{32}$	188,119	$\frac{13}{32}$	213,519	35	889,0
$\frac{27}{64}$	10,716	$\frac{27}{64}$	36,116	$\frac{27}{64}$	61,516	$\frac{27}{64}$	86,916	$\frac{27}{64}$	112,316	$\frac{27}{64}$	137,716	$\frac{27}{64}$	163,116	$\frac{27}{64}$	188,516	$\frac{27}{64}$	213,916	36	914,4
$\frac{7}{16}$	11,112	$\frac{7}{16}$	36,512	$\frac{7}{16}$	61,912	$\frac{7}{16}$	87,312	$\frac{7}{16}$	112,712	$\frac{7}{16}$	138,112	$\frac{7}{16}$	163,512	$\frac{7}{16}$	188,912	$\frac{7}{16}$	214,312	37	939,8
$\frac{29}{64}$	11,509	$\frac{29}{64}$	36,909	$\frac{29}{64}$	62,309	$\frac{29}{64}$	87,709	$\frac{29}{64}$	113,109	$\frac{29}{64}$	138,509	$\frac{29}{64}$	163,909	$\frac{29}{64}$	189,309	$\frac{29}{64}$	214,709	38	965,2
$\frac{15}{32}$	11,906	$\frac{15}{32}$	37,306	$\frac{15}{32}$	62,706	$\frac{15}{32}$	88,106	$\frac{15}{32}$	113,506	$\frac{15}{32}$	138,906	$\frac{15}{32}$	164,306	$\frac{15}{32}$	189,706	$\frac{15}{32}$	215,106	39	990,6
$\frac{31}{64}$	12,303	$\frac{31}{64}$	37,703	$\frac{31}{64}$	63,103	$\frac{31}{64}$	88,503	$\frac{31}{64}$	113,903	$\frac{31}{64}$	139,303	$\frac{31}{64}$	164,703	$\frac{31}{64}$	190,103	$\frac{31}{64}$	215,503	40	1016,0
$\frac{1}{2}$	12,700	$\frac{1}{2}$	38,100	$\frac{1}{2}$	63,500	$\frac{1}{2}$	88,900	$\frac{1}{2}$	114,300	$\frac{1}{2}$	139,700	$\frac{1}{2}$	165,100	$\frac{1}{2}$	190,500	$\frac{1}{2}$	215,900	41	1041,4
$\frac{33}{64}$	13,097	$\frac{33}{64}$	38,497	$\frac{33}{64}$	63,897	$\frac{33}{64}$	89,297	$\frac{33}{64}$	114,697	$\frac{33}{64}$	140,097	$\frac{33}{64}$	165,497	$\frac{33}{64}$	190,897	$\frac{33}{64}$	216,297	42	1066,8
$\frac{17}{32}$	13,494	$\frac{17}{32}$	38,894	$\frac{17}{32}$	64,294	$\frac{17}{32}$	89,694	$\frac{17}{32}$	115,094	$\frac{17}{32}$	140,494	$\frac{17}{32}$	165,894	$\frac{17}{32}$	191,294	$\frac{17}{32}$	216,694	43	1092,2
$\frac{35}{64}$	13,891	$\frac{35}{64}$	39,291	$\frac{35}{64}$	64,691	$\frac{35}{64}$	90,091	$\frac{35}{64}$	115,491	$\frac{35}{64}$	140,891	$\frac{35}{64}$	166,291	$\frac{35}{64}$	191,691	$\frac{35}{64}$	217,091	44	1117,6
$\frac{9}{16}$	14,288	$\frac{9}{16}$	39,688	$\frac{9}{16}$	65,088	$\frac{9}{16}$	90,488	$\frac{9}{16}$	115,888	$\frac{9}{16}$	141,288	$\frac{9}{16}$	166,688	$\frac{9}{16}$	192,088	$\frac{9}{16}$	217,488	45	1143,0
$\frac{37}{64}$	14,684	$\frac{37}{64}$	40,084	$\frac{37}{64}$	65,484	$\frac{37}{64}$	90,884	$\frac{37}{64}$	116,284	$\frac{37}{64}$	141,684	$\frac{37}{64}$	167,084	$\frac{37}{64}$	192,484	$\frac{37}{64}$	217,884	46	1168,4
$\frac{19}{32}$	15,081	$\frac{19}{32}$	40,481	$\frac{19}{32}$	65,881	$\frac{19}{32}$	91,281	$\frac{19}{32}$	116,681	$\frac{19}{32}$	142,081	$\frac{19}{32}$	167,481	$\frac{19}{32}$	192,881	$\frac{19}{32}$	218,281	47	1193,8
$\frac{39}{64}$	15,478	$\frac{39}{64}$	40,878	$\frac{39}{64}$	66,278	$\frac{39}{64}$	91,678	$\frac{39}{64}$	117,078	$\frac{39}{64}$	142,478	$\frac{39}{64}$	167,878	$\frac{39}{64}$	193,278	$\frac{39}{64}$	218,678	48	1219,2
$\frac{5}{8}$	15,875	$\frac{5}{8}$	41,275	$\frac{5}{8}$	66,675	$\frac{5}{8}$	92,075	$\frac{5}{8}$	117,475	$\frac{5}{8}$	142,875	$\frac{5}{8}$	168,275	$\frac{5}{8}$	193,675	$\frac{5}{8}$	219,075	49	1244,6
$\frac{41}{64}$	16,272	$\frac{41}{64}$	41,672	$\frac{41}{64}$	67,072	$\frac{41}{64}$	92,472	$\frac{41}{64}$	117,872	$\frac{41}{64}$	143,272	$\frac{41}{64}$	168,672	$\frac{41}{64}$	194,072	$\frac{41}{64}$	219,472	50	1270,0
$\frac{21}{32}$	16,669	$\frac{21}{32}$	42,069	$\frac{21}{32}$	67,469	$\frac{21}{32}$	92,869	$\frac{21}{32}$	118,269	$\frac{21}{32}$	143,669	$\frac{21}{32}$	169,069	$\frac{21}{32}$	194,469	$\frac{21}{32}$	219,869	51	1295,4
$\frac{43}{64}$	17,066	$\frac{43}{64}$	42,466	$\frac{43}{64}$															

P O N S N T O T

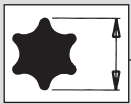
	T		TH		O T S N N T S				S S S												
	S T		N		S T		N		S H P		H H P T H										
	4,8		5,8		6,8																
mm	mm	mm	mm	friction coefficient 0,10		friction coefficient 0,15		friction coefficient 0,20		friction coefficient 0,10		friction coefficient 0,15		friction coefficient 0,20							
				Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm				
M 3	0,5	5,5	2,5	1221	0,5	1102	0,64	991	0,75	1508	0,62	1362	0,8	1224	0,92	1724	0,71	1556	0,91	1399	1,06
M 4	0,7	7	3	2117	1,17	1909	1,48	1716	1,71	2615	1,44	2359	1,83	2120	2,11	2988	1,65	2696	2,09	2422	2,42
M 5	0,8	8	4	3460	2,3	3126	2,93	2812	3,4	4275	2,85	3862	3,62	3473	4,2	4885	3,25	4414	4,14	3970	4,81
M 6	1	10	5	4885	4,01	4410	5	3965	5,9	6034	4,95	5448	6,2	4898	7,2	6896	5,6	6226	7,1	5598	8,3
M 8	1,25	13	6	8958	9,7	8097	12,3	7283	14,3	11066	11,9	10003	15,2	8997	17,7	12647	13,6	11432	17,4	10283	20
M 10	1,5	16	8	14257	19,1	12896	24	11604	28	17612	23	15930	30	14334	35	20128	27	18206	34	16382	40
M 12	1,75	18	10	20782	33	18806	42	16925	49	25672	40	23231	52	20908	60	29339	46	26550	59	23895	69
M 14	2	21	12	28532	52	25828	67	23249	78	35245	65	31905	83	28719	97	40280	74	36463	95	32822	111
M 16	2	24	14	39210	81	35569	105	32051	123	48436	100	43939	130	39592	152	55356	115	50216	148	45248	174
M 18	2,5	27	14	47707	113	43207	145	35901	169	58932	139	53373	179	48054	209	67351	159	60998	205	54919	239
M 20	2,5	30	17	61267	159	55578	206	50079	241	75682	196	68655	254	61863	298	86494	225	78463	291	70700	341
M 22	2,5	34	17	76512	217	69503	283	62671	332	94515	269	85857	350	77418	411	108017	307	98123	400	88478	470
M 24	3	36	19	88224	274	80032	354	72114	415	108983	338	98863	438	89083	513	124552	387	112986	500	101809	586
M 27	3	41	19	116045	403	105448	525	95098	617	143350	498	130259	649	117474	762	163829	569	148868	741	134257	871
M 30	3,5	46	22	141090	548	128118	712	115502	835	174287	677	158263	880	142679	1032	199185	773	180872	1005	163062	1180
M 33	3,5	50	24	175760	741	159810	968	144171	1138	217116	915	197412	1195	178094	1406	248132	1046	225614	1366	203536	1607
M 36	4	55	27	206303	953	187464	1242	169064	1459	254845	1177	231573	1534	208844	1803	291252	1346	264655	1754	238679	2060
M 39	4	60		247823	1233	225432	1614	203418	1900	306135	1523	278474	1994	251282	2348	349868	1741	318257	2279	287179	2683
M 42	4,5	65	32	283685	1527	257933	1995	232699	2346	350435	1887	318624	2464	287452	2898	400497	2156	364141	2816	328516	3312
M 45	4,5	70		332033	1905	302161	2497	272726	2943	410158	2353	373258	3085	336897	3635	468752	2690	426580	3525	385025	4154
M 48	5	75	36	373155	2303	339467	3013	306364	3548	460956	2845	419342	3722	378449	4383	526807	3251	479248	4254	432514	5009
M 52	5	80		447673	2955	407642	3882	368064	4579	553008	3651	503558	4795	454668	5657	632009	4172	575495	5480	519620	6465
M 56	5,5	85	41	516980	3689	470528	4839	424704	5705	638822	4557	581240	5978	524635	7048	729854	5208	664275	6832	599582	8054
M 60	5,5	90		603945	4570	550138	6013	496782	7102	746050	5645	679583	7428	613672	8772	852629	6451	776666	8490	701340	10026
M 64	6	95	46	683166	5503	622164	7233	561767	8537	843911	6798	768556	8935	693947	10546	964470	7769	878350	10212	793082	12052

P O N S N T O T

					O T S N N T S S S S T T H S T N S H P H H P T H																			
					8,8				10,9				12,9											
	friction coefficient 0,10		friction coefficient 0,15		friction coefficient 0,20		friction coefficient 0,10		friction coefficient 0,15		friction coefficient 0,20		friction coefficient 0,10		friction coefficient 0,15		friction coefficient 0,20		friction coefficient 0,10		friction coefficient 0,15		friction coefficient 0,20	
	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm	Pre-loading N	Torque Nm
M 3	0,5	5,5	2,5	2298	0,95	2075	1,21	1866	1,41	3376	1,4	3048	1,79	2740	2,07	3951	1,64	3567	2,09	3207	2,43			
M 4	0,7	7	3	3985	2,2	3594	2,78	3230	3,22	5853	3,23	5279	4,09	4744	4,74	6849	3,78	6178	4,79	5552	5,5			
M 5	0,8	8	4	6514	4,34	5886	5,5	5293	6,4	9568	6,3	8645	8,1	7774	9,4	11196	7,4	10116	9,5	9098	11			
M 6	1	10	5	9195	7,5	8302	9,5	7464	11,1	13506	11	12194	14	10962	16,3	15805	12,9	14269	16,4	12828	19,1			
M 8	1,25	13	6	16863	18,2	15242	23	13710	27	24768	26	22388	34	20137	39	28984	31	26198	40	23565	46			
M 10	1,5	16	8	26838	36	24275	46	21843	53	39418	52	35655	67	32082	78	46128	61	41724	79	37542	92			
M 12	1,75	18	10	39119	62	35401	79	31860	92	57457	91	51995	116	46795	136	67236	106	60845	136	54760	159			
M 14	2	21	12	63707	99	48618	127	43763	140	78882	145	71408	187	64277	218	92309	170	83563	219	75218	255			
M 16	2	24	14	73808	153	66955	198	60331	232	108406	225	98340	291	88611	341	126858	263	115079	341	103694	399			
M 18	2,5	27	14	92440	220	83746	283	75421	330	131897	313	119454	402	107549	469	154348	366	139787	471	125856	649			
M 20	2,5	30	17	119003	311	107941	402	97253	471	169385	440	153657	570	138456	667	198216	515	179811	667	162023	781			
M 22	2,5	34	17	148374	424	134806	552	121574	648	211534	602	192157	783	173269	920	247540	704	224865	917	202762	1077			
M 24	3	36	19	171437	534	155489	691	140084	809	243914	758	221266	981	199376	1148	285432	887	258928	1148	233313	1343			
M 27	3	41	19	225110	784	204577	1022	184517	1201	320832	1114	291534	1452	262920	1706	375442	1304	341157	1700	307672	1997			
M 30	3,5	46	22	274030	1067	248811	1387	224292	1628	390072	1515	354209	1969	319331	2311	456467	1773	414500	2305	373685	2704			
M 33	3,5	50	24	341347	1442	310343	1884	279953	2216	485926	2048	441828	2676	398593	3148	568637	2397	517033	3132	466438	3684			
M 36	4	55	27	400571	1855	363972	2418	328236	2840	570369	2636	518282	3435	467413	4036	667453	3085	606501	4020	546973	4723			
M 39	4	60		481158	2399	437669	3139	394919	3697	685159	3410	623253	4463	562393	5255	801782	3990	729339	5223	658119	6150			
M 42	4,5	65	32	550683	2965	500694	3872	451710	4554	784306	4223	713110	5515	643344	6486	917805	4941	834491	6453	752849	7690			
M 45	4,5	70		644534	3698	586548	4847	529410	5712	917973	5267	835386	6903	754008	8136	1074223	6164	977579	8079	882350	9620			
M 48	5	75	36	724359	4470	658966	5849	594706	6887	1031663	6367	938528	8330	847006	9809	1207265	7450	1098277	9748	991177	11476			
M 52	5	80		869013	5737	791306	7535	714478	8889	1237685	8171	1127011	10731	1017590	12661	1448354	9562	1318843	12558	1190797	14816			
M 56	5,5	85	41	1003549	7161	913378	9394	824426	11075	1429298	10199	1300871	13379	1174182	15773	1672582	11935	1522296	15656	1374043	18458			
M 60	5,5	90		1172365	8871	1067916	11673	964342	13785	1669732	12634	1520971	16625	1373457	19634	1953941	14785	1779860	19455	1607237	22976			
M 64	6	95	46	1326146	10683	1207731	14041	1090488	16572	1888753	15215	1720102	19998	1553119	23603	2210243	17805	2012885	23402	1817480	27620			

TORX® SH P S

MALE TORX® SHAPE



T6	1,67 mm	*
T7	1,99 mm	**
T8	2,31 mm	**
T9	2,50 mm	**
T10	2,74 mm	**
T15	3,27 mm	**
T20	3,86 mm	**
T25	4,43 mm	**
T27	4,99 mm	**
T30	5,52 mm	**
T40	6,65 mm	**
T45	7,82 mm	*
T50	8,83 mm	*
T55	11,22 mm	*
T60	13,25 mm	*
T70	15,49 mm	*

TORX®	ø screw (mm)	TORX®	ø screw (mm)
T6	M 2	T27	M 4,5-5-6
T7	M 2,5	T30	M 6-7
T8	M 2,5	T40	M 7-8
T9	M 3	T45	M 8-10
T10	M 3-3,5	T50	M 10
T15	M 3,5-4	T55	M 12
T20	M 4-5	T60	M 14
T25	M 4,5-5	T70	M 16

FEMALE TORX® SHAPE

E4	3,86 mm
E5	4,75 mm
E6	5,74 mm
E7	6,22 mm
E8	7,52 mm
E10	9,42 mm
E12	11,17 mm
E14	12,90 mm
E16	14,76 mm
E18	16,70 mm
E20	18,45 mm
E24	22,16 mm

TORX®	ø screw (mm)	TORX®	ø screw (mm)
E4	M 3	E12	M 10
E5	M 4	E14	M 12
E6	M 5	E16	M 12
E7	M 6	E18	M 14
E8	M 6-7	E20	M 16
E10	M 8	E24	M 18-20

Shapes are graphically represented in real dimensions.
TORX® and **TORX® Tamper Resistant®** are CAMCAR/TEXTRON INC. trade marks.

N T T S

02070003	Scissors for electricians 207 B	05190350	Compl.roller cabinet 519 RX7GI grey	306205	Chain wrench 306 R 8	50050019	Mx wheel-cover 5005 H/REN 2 *
02550076	Set of wrenches 255 K/B6	05190351	Compl.roller cabinet 519 RX7GIP grey	306206	Chain wrench 306 R 12	510001	Empty roll cabinet 510/V
03140001	Tube cutter 314 AN 3-16	05190352	Compl.roller cabinet 519 RX8GA grey	306208	Chain wrench 306 R 6	511001	Empty roll cabinet 511/V
03140003	Tube cutter 314 CN 3-30	05190353	Compl.roller cabinet 519 RX8GC grey	306303	Replac. chain 306 R/A 2 1/2	511002	Additional container 511 CGV
03250085	Screwdrivers 325 P 0,8x4x150	05190355	Compl.roller cabinet 519 RX8GAP grey	306304	Replac. chain 306 R/A 4	511003	Empty cabinet 511 SAV
03250086	Screwdrivers 325 P 1x5x150	05190357	Compl.roller cabinet 519 RX8GI grey	306305	Replac. chain 306 R/A 8	512061	Empty cabinet 512/3 RV
03250090	Screwdrivers 325 PPH 1x150	05190358	Compl.roller cabinet 519 RX8GIP grey	306306	Replac. chain 306 R/A 12	660551	Bit f/slotted screws 660 T 0,6x4,5
03250091	Screwdrivers 325 PPH 2x150	05190707	Assortment 519/085 N	306308	Replac. chain 306 R/A 6	660552	Bit f/slotted screws 660 T 0,8x5,5
03530004	Chisel 353 L	05190714	Assortment 519/200	306313	Spare jaw 306RB 2 1/2	660553	Bit f/slotted screws 660 T 1,0x5,5
04460007	Floating for tank tool 446 G	05190724	Assortment 519/272	306314	Spare jaw 306RB 4	660554	Bit f/slotted screws 660 T 1,2x6,5
04500010	Steering tool 450/1	05190734	Assortment 519/323H	306315	Spare jaw 306RB 8	664007	Insert bit 664 1x7
04850001	Tool for adjusting clutch 485/1	05190762	Assortment 519/443B	306316	Spare jaw 306RB12	828300	Torque multipliers 828 N 1200
05100017	Roller cabinet 510 B	05190770	Assortment 519/695	306318	Spare jaw 306RB 6	828301	Torque multipliers 828 N 3000
05100018	Roller cabinet 510 BP	05250006	Drawer chest 525 BP	313001	Tube cutter 313 1/8-2	828302	Torque multipliers 828 N 7000
05110005	Roller cabinet 511 SAA	05260004	Drawer chest 526 AP	313002	Tube cutter 313 1 1/4-4	930003	Filter regulator lubricator 930 1/2
05110007	Roller cabinet 511 SAC	05260006	Drawer chest 526 BP	313101	Replacement roller 313/A 1/8-2	930025	Air drawing flange 930 F 1/4
05110020	Roller cabinet 511 A	05270004	Drawer chest 527 AP	313102	Replacement roller 313/A 1.1/4-4	930026	Air drawing flange 930 F 3/8
05110022	Roller cabinet 511 C	05270011	Drawer chest 527 IP	313201	Replacement roller 313/B 1/8-2	938001	Elastic rubber hose 938 6
05120005	Roller cabinet 512/3 RA	06460006	Cantilever tool box 646/2AP	313202	Replacement roller 313/B 1.1/4-4	938002	Elastic rubber hose 938 8
05120007	Roller cabinet 512/3 RAP	06460011	Cantilever tool box 646/3AP	314002	Tube cutter 314D 6-35	938003	Elastic rubber hose 938 10
05120017	Roller cabinet 512/3 RB	065002	Desoldering pump 065	314003	Tube cutter 314F 6-67	974012	Retractable carbide scribe 974 B
05120018	Roller cabinet 512/3 RBP	065102	Spare tip 065/A	314101	Replacement 314 F/A	Q02350120	Ring 235 MD 1
05130111	Roll cabinet 513 BX6GA	06580001	Insert bit 658 1/4 NV	314103	Replacement 314 F/B	Q05110005	Fixed wheel 511 SR1
05130112	Roll cabinet 513 BX6GAP	06580010	Insert bit 658 1/4 N	353003	Hand-guard 353 R	Q05110006	Swivelling wheel 511 SR2
05130113	Roll cabinet 513 BX6GC	09060003	Injectors pump 906 N 400	354003	Spare hand-guard 354 R	Q05110007	Swivelling wheel with brake 511 SR3
05130114	Roll cabinet 513 BX6GI	09240003	8 blades set 924 AH/SE8	361006	Spare hand protector 361 R 18x400	Q05190321	Plastic tray 519/200V
05130115	Roll cabinet 513 BX6GIP	09810004	Tape rules 981 E 3x19	379001	Claws' pattern hammer 379 300	Q05190324	Plastic tray 519/443BV
05140017	Roller cabinet 514 BMT	09810005	Tape rules 981 E 5x19	379002	Claws' pattern hammer 379 400	Q05190325	Plastic tray 519/272V
05140018	Roller cabinet 514 BMTTP	13420003	Tool for t.d.c. 1342 N	379022	Handle for hammer 379A 300-400	Q05190328	Plastic tray 519/085V
05140037	Roller cabinet 514 emt	165001	Flaring plier 165	379023	Handle for hammer 379 A 400	Q05190329	Plastic tray 519/323HV
05140038	Roller cabinet 514 emtp	172001	Adjustable plier for siphons 172	381003	Hammer for hobbyists 381/300	Q05190334	Plastic tray 519/695V
05180036	Complete roller cabinet 518 SX7C	172011	Spare jaw 172 A	382211	Handle 382 B 200	Q276469	Spare spring 276 CEB M 16 *
05190302	Compl.roller cabinet 519 RX5C (red)	186050	Flush diagonal cutter 186 A 140	382213	Handle 382 B 300	Q280078	Empty holder LTSTX/SV9
05190309	Compl.roller cabinet 519 RX6C (red)	186051	Flush diagonal cutter 186 A 160	382215	Handle 382 B 500	Q314014	Spare blade for steel 314 FC
05190311	Compl.roller cabinet 519 RX6AP (red)	18810080	Assortment for alternator 1881	382217	Handle 382 B 800	Q33000008	Plastic interior 3300 M1V1
05190314	Compl.roller cabinet 519 RX6IP (red)	203111	Spring 203 B/A *	382218	Handle 382 B 1000	Q33000009	Plastic interior 3300 M1
05190323	Compl.roller cabinet 519 RX8C (red)	203211	Spring 203 A-C/A *	389101	Hammer 389/MG	Q381003	Spare handle 381 AN
05190325	Compl.roller cabinet 519 RX8AP (red)	220001	Utility knife blades 9 mm 220 A	415101	Hammer 415/B	Q454002	Spare screw 454 NB/0
05190328	Compl.roller cabinet 519 RX8IP (red)	220002	Utility knife blades 18 mm 220 B	454000	Puller 454 N/0	Q454004	Spare jaw 454 NA/0
05190331	Compl.roller cabinet 519 RX5GA grey	261002	Magneto wrench 261 N	454010	Puller 454 N 1	Q510010	Pair of rails 510/511 NR
05190332	Compl.roller cabinet 519 RX5GC grey	280034	Hex.head wrench 280 LTS TX 55	454014	Spare arms 454 N-A 1-2	Q511002	Slider with rollers 511 AR
05190333	Compl.roller cabinet 519 RX5GI grey	280074	Hexagon head wrench 280 L TX8	454020	Puller 454 N 2	Q974012	Spare 974BR - old model
05190334	Compl.roller cabinet 519 RX5GAP grey	280079	Set of wrenches 280 LTSTX/S9	454022	Spare screw 454 N-B 1-2	V010133	Pipe wrench 0101 10" *
05190335	Compl.roller cabinet 519 RX5GIP grey	2820004	Brakes tools set 2820 B	454030	Puller 454 N 3	V010135	Pipe wrench 0101 14" *
05190338	Compl.roller cabinet 519 RX6GA grey	28450080	Brakes tool 2845	454040	Puller 454 N 4	V136136	Assortment of die chasers 1361 M
05190339	Compl.roller cabinet 519 RX6GC grey	28470081	Brake bleeder 2847 N	454042	Spare screw 454 N-B 3-4	V136156	Assortment of die chasers 1361 P
05190341	Compl.roller cabinet 519 RX6GAP grey	30000130	Impact wrench set 3000 KC1	454044	Spare arms 454 N-A 3-4	V136264	Assortment of die chasers 1362 N
05190343	Compl.roller cabinet 519 RX6GI grey	30050050	Impact driver set 3005 KA1	454050	Puller 454 N 5	V136294	Reversible ratchet 1362 A1
05190344	Compl.roller cabinet 519 RX6GIP grey	30100050	Driver drill set 3010 KD1	454052	Spare screw 454N B 5-6	V750193	Extension 7501 PR 2
05190345	Compl.roller cabinet 519 RX7GA grey	30100055	Driver drill set 3010 KE1	454054	Spare arms 454 N 5-6		
05190346	Compl.roller cabinet 519 RX7GC grey	306203	Chain wrench 306 R 2 1/2	454060	Puller 454 N 6		
05190348	Compl.roller cabinet 519 RX7GAP grey	306204	Chain wrench 306 R 4	454083	Set of pullers 454 N/S7		

N T T S - S ST P NTS

065002	Desoldering pump 065	065003	Desoldering pump 065 N	930025	Air drawing flange 930 F 1/4	09300110	Air drawing flange 930 FN 1/4
186050	Flush diagonal cutter 186 A 140	186060	Cutting nippers for plastics 186 C 150	930026	Air drawing flange 930 F 3/8	09300120	Air drawing flange 930 FN 3/8-1/2
186051	Flush diagonal cutter 186 A 160	186061	Cutting nippers for plastics 186 C 180	09810004	Tape rules 981 E 3x19	09810026	Tape rules 981 B 3x19
280079	Set of wrenches 280 LTSTX/S9	280078	Set of wrenches 280 LTSTX/S8	09810005	Tape rules 981 E 5x19	09810027	Tape rules 981 B 5x25
974012	Retractable carbide scribe 974 B	974013	Retractable carbide scribe 974 BN	065102	Spare tip 065 A	0065103	Spare tip 065 AN
220001	Utility knife blades 9 mm 220 A	02200000	Utility knife blades 9 mm 220 A1	828301	Torque multipliers 828 N 3000	08280001	Torque multipliers 828/3000
220002	Utility knife blades 18 mm 220 B	02200001	Utility knife blades 18 mm 220 B1	828302	Torque multipliers 828 N 7000	08280002	Torque multipliers 828/6000
510001	Empty roll cabinet 510 V	05110030	Empty roll cabinet 511 NV	28470081	Brake bleeder 2847 N	28470082	Brake bleeder 2847/1

PH T N

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Aligner, clutch disk	108	Digital multimeters	23
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Assortments for bodywork	95	Drill drifts	88
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Bags, for tools	17	Electrotechnics maintenance cases	16
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Bars, for carpenters	87	Extractor, for tyre valves	97
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Boxes, for tools	155		
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		Fittings, for airtools	182
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Keys, angled, for XZN screws	68	Pliers, for brake springs	99
Keys, hexagonal, angled	62	Pliers, for cable ties	164
Keys, hexagonal, angled, with handgrip	65	Pliers, for cock nuts	33
Keys, T-handle, for Torx screws	66	Pliers, for Corbin clamps	168
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Knife, for electricians	39	Pliers, for hoses	168
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		Pliers, for piston rings	98
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Lever, for windshields	96	Pliers, revolving punch	32
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Punches	32	Sockets and accessories 1/2", impact series	47
Punches	89	Sockets and accessories 1/2", manual series	41
Punches, centre	89	Sockets and accessories 1/4", manual series	41
Punches, for masons	88	Sockets and accessories 3/4", impact series	47
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		Sockets and accessories 3/8", impact series	47
		Sockets and accessories 3/8", manual series	41
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SWK Utensilerie S.r.l.
Via Volta, 3 · 21020 Monvalle (VA) Italia
Tel. 0332 790111 · Fax 0332 790363
info.mv@usag.it · www.usag-tools.com