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Provide guaranteed safety and efficiency. **STAHLWILLE sets of socket spanners and inserts**

The professionals in industry and the trades are under pressure to work quickly, accurately and economically. Which is why they make heavy demands on their tools. Due to the numerous technical innovations incorporated in them, STAHLWILLE ratchets and sockets make a valuable contribution to the prevention of both mistakes and injuries.

By using ratchets, adaptors and inserts made by STAHLWILLE, professional technicians are quite simply "making sure". It does not matter whether it is a full set of tools or individual components – users can be sure they will get top-of-the-range quality every time. This is guaranteed by adherence to the closest tolerances during production and stringently applied quality assurance measures in accordance with DIN EN ISO 9001. The legendary reliability and precision of these tools is enhanced by a large number of user-friendly features.

- Non-slip, ergonomically manufactured 2-component handles facilitate strain-free working.
- Slim-design sockets enable access to awkward places.
- The QuickRelease system ensures full control over the joint between the ratchet, the adaptors and the sockets.
- STAHLWILLE tool cases are particularly resilient thanks to the robust ABS plastic used. They are shaped for safe stacking and the integrated handles make transport easy. Convenient feature: on the inside of the cover is a list showing the contents of the case.
- Sculpted chemical-resistant cut-outs in special PE foam inlays prevent tools rattling and sliding around.



Light, robust, stackable: STAHLWILLE plastic cases. The inside of the cover shows the contents of the case.



1

Ergonomically designed 2-component handle made of impact-resistant, skydrol resistant plastic.

2

All metal parts are made of high-grade steel (Chrome Alloy Steel, chrome plated).

3

Firm seating and yet easy release of sockets and adaptors.

4

Wear parts can be easily replaced using sets of spares for sockets.

5

Ergonomic pawl to switch from clockwise to anti-clockwise.

Safety advantage 1

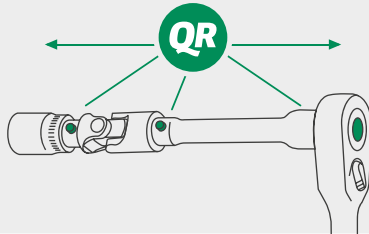


STAHLWILLE QuickRelease system

The problem: imagine what happens if a tool falls into an inaccessible place during repair or overhaul work.

The consequences: arduous, costly search and recovery, possibly involving disassembly of an aeroengine or machine.

The solution: the safety lock built into the QuickRelease system prevents damage to workpieces and guarantees secure, rapid connection of all individual components to form a single combined unit. Nothing can get lost because it is not possible to inadvertently release a tool. To release a tool, it is first necessary to press the release button deliberately. Even if you have oily or greasy hands, attaching and separating the individual components is so simple it noticeably smoothes your workflows.



Safety advantage 2



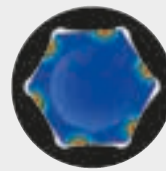
STAHLWILLE AS-Drive

The problem: removing heavily corroded or thermally set fasteners requires the application of considerable force. The socket slips off the head of the fastener.

The consequences: uncontrolled movements cause injuries and damage to both the workpiece and the tools.

The solution: STAHLWILLE sockets are equipped with the AS-Drive* profile. This permits high transmission of forces to the lands of nuts and bolts without damaging them. The risk of injury is minimised and the corners of the fastener heads and nuts are no longer damaged.

*AS-Drive = Anti-Slip-Drive



Safety advantage 3



STAHLWILLE HPQ®-inserts

The problem: although there is hardly enough room to move, you still have to apply considerable torque to loosen a stubborn threaded fasteners.

The consequences: many of the sockets available are useless simply because their wall thickness makes them impracticable in awkward places.

The solution: STAHLWILLE HPQ®-sockets are manufactured from selected tough steel alloys. These sockets will not slip off the head of the fastener, nor will they stretch when subjected to heavy loads. Their extremely thin walls and unbelievably high load capacity are simply exemplary. HPQ®-sockets are free of cadmium and are therefore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor. They meet these aerospace standards: E DIN EN 3709, E DIN EN 3710, SAE AS 954-E, S.B.A.C. AS 40605/40606, MS-33787, MIL-W-8982.

* = High Performance Quality



Safety advantage 4



STAHLWILLE fine-tooth ratchets

STAHLWILLE offers a wide selection of efficient fine-tooth ratchets. Whether it is with the ergonomic 2-component handle or the slim-line steel version for working spaces where every centimetre counts.

80 teeth and perfectly balanced precision mechanics ensure excellent finger-tip control and loading capacity. The tight ratchet angle of only 4.5° enables efficient working anywhere. In addition, the screwless construction, compliant with FOD requirements, makes these models the preferred choice for use in safety relevant applications, such as aerospace.



1. 415QR N 1/4"
2. 435QR N 3/8"
3. 512QR N 1/2"

NEW

1. 415SG-QR N 1/4"
2. 435SG-QR N 3/8"
3. 512SG-QR N 1/2"

Sockets, Socket Sets

6.3
1/4"

DIN
3120

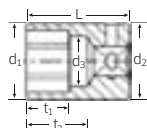
ISO
1174-1

40D

Sockets



metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3709, ASME B 107.5M,
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641,
SAE AS 954-E (test loads), HPQ® high performance steel, chrome plated.



Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
01030005	5	7.9	10.7	4	23	4.5	15	9	10
01030055	5.5	8.5	10.7	4.5	23	6	15	9	10
01030006	6	9.2	10.7	5	23	6	15	9	10
01030007	7	10.7	10.7	6	23	6.5	13.4	10	10
01030008	8	11.6	11.6	7	23	8	13.1	11	10
01030009	9	12.8	12.8	8	23	8	12.8	13	10
01030010	10	14.3	14.3	9	23	8	14.9	17	10
01030011	11	15.5	15.5	10	23	9	14.6	19	10
01030012	12	16.5	16.5	11	23	9.5	14.3	23	10
01030013	13	17.8	17.8	12	23	9.5	14	25	10
01030014	14	18.8	18.8	13	24	10	14.7	32	10

40aD

Sockets

Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
01530010	5/32	6.7	10.7	3.2	23	3.5	15	7	10
01530012	3/16	7.6	10.7	4	23	4.5	15	9	10
01530014	7/32	8.6	10.7	5	23	6	15	9	10
01530016	1/4	9.4	10.7	5.5	23	6	15	9	10
01530018	9/32	10.7	10.7	6.6	23	6.5	13.2	10	10
01530020	5/16	11.6	11.6	7	23	8	13.1	11	10
01530022	11/32	12.7	12.7	8.1	23	8	13.3	13	10
01530024	3/8	13.7	13.7	8.3	23	8	13.3	16	10
01530028	7/16	15.8	15.8	10	23	9	14.6	21	10
01530032	1/2	17.3	17.3	11.5	23	9.5	14.1	27	10
01530034	9/16	18.8	18.8	13.1	24	10	14.7	31	10

40aD/10CL

Set:
Sockets with clip strip



Content:
3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
1 clip strip No 40CL-2



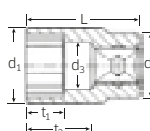
Code	g
96015310	206

40

Sockets



metric sizes: DIN 3124/ISO 2725-1, ASME B 107.5M,
E DIN EN 3709 (test loads), American sizes: ASME B 107.1,
Fed. Spec. GGG-W-641, SAE AS 954-E (test loads),
HPQ® high performance steel, chrome plated.



Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
01010003	3	5.6	10.7	2.5	23	2	15	7	10
01010032	3.2	5.6	10.7	2.5	23	2	15	8	10
01010035	3.5	6	10.7	2.5	23	2.5	15	8	10
01010004	4	6.7	10.7	3.2	23	3.5	15	9	10
01010045	4.5	7.3	10.7	3.7	23	4	15	9	10
01010005	5	7.9	10.7	4	23	4.5	15	8	10
01010055	5.5	8.5	10.7	4.5	23	6	15	9	10
01010006	6	9.2	10.7	5	23	6	15	9	10
01010007	7	10.7	10.7	6	23	6.5	13.4	10	10
01010008	8	11.6	11.6	7	23	8	13.1	11	10
01010009	9	12.8	12.8	8	23	8	12.8	14	10
01010010	10	14.3	14.3	9	23	8	14.9	17	10
01010011	11	15.5	15.5	10	23	9	14.6	19	10
01010012	12	16.5	16.5	11	23	9.5	14.3	24	10
01010013	13	17.8	17.8	12	23	9.5	14	26	10
01010014	14	18.8	18.8	13	24	10	14.7	32	10

40a

Sockets

Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
01410008	1/8	5.6	10.7	2.5	23	2	15	7	10
01410010	5/32	6.7	10.7	3.2	23	3.5	15	9	10
01410012	3/16	7.6	10.7	4	23	4.5	15	9	10
01410014	7/32	8.6	10.7	5	23	6	15	9	10
01410016	1/4	9.4	10.7	5.5	23	6	15	9	10
01410018	9/32	10.7	10.7	6.6	23	6.5	13.2	10	10
01410020	5/16	11.6	11.6	7	23	8	13.1	12	10
01410022	11/32	12.7	12.7	8.1	23	8	13.3	14	10
01410024	3/8	13.7	13.7	8.3	23	8	13.3	16	10
01410028	7/16	15.8	15.8	10	23	9	14.6	21	10
01410032	1/2	17.3	17.3	11.5	23	9.5	14.1	27	10
01410034	9/16	18.8	18.8	13.1	24	10	14.7	31	10

STAHLWILLE »AS-Drive«



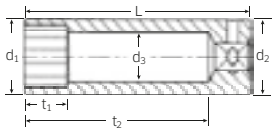
STAHLWILLE sockets are equipped with the AS-Drive® profile: this
permits high transmission of forces to the lands of nuts and bolts
without damaging them. No longer will you have to worry about
stripping the corners off nuts and bolts.

*Anti-Slip-Drive

40DL Sockets



extra deep, metric sizes: E DIN EN 3710, E DIN EN 3709, DIN 3124/ISO 2725-1, ASME B 107.5M, American sizes: ASME B 107.1, Fed. Spec. GGG-W-641, SAE AS 954-E, HPQ® high performance steel, chrome plated.



Code	Size	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Weight g	Box
01240005	5	7.9	10.7	4	50	4.5	42	15	5
01240055	5.5	8.5	10.7	4.5	50	6	42	16	5
01240006	6	9.2	10.7	5	50	6	42	18	5
01240007	7	10.7	10.7	6	50	6.5	40.9	21	5
01240008	8	11.6	11.6	7	50	8	40.1	23	5
01240009	9	12.8	12.8	8	50	8	39.8	30	5
01240010	10	14.3	14.3	9	50	9	41.9	35	5
01240011	11	15.5	15.5	10	50	10.5	41.6	40	5
01240012	12	16.5	16.5	11	50	12	41.3	47	5
01240013	13	17.8	17.8	12	50	12	41	50	5
01240014	14	18.8	18.8	13	50	15	40.7	57	5

40aDL Sockets

Code	Size	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Weight g	Box
01640010	5/32	6.7	10.7	3.2	50	4.5	42	13	5
01640012	3/16	7.6	10.7	4	50	4.5	42	15	5
01640014	7/32	8.6	10.7	5	50	6	42	16	5
01640016	1/4	9.4	10.7	5.2	50	6	42	19	5
01640018	9/32	10.7	10.7	6.5	50	8	40.2	20	5
01640020	5/16	11.6	11.6	7	50	8	40.1	24	5
01640022	11/32	12.7	12.7	8.1	50	9	39.7	26	5
01640024	3/8	13.7	13.7	8.3	50	9	39.7	33	5
01640028	7/16	15.8	15.8	10	50	10.5	41.6	42	5
01640032	1/2	17.3	17.3	11.5	50	12	41.1	44	5
01640034	9/16	18.8	18.8	13.1	50	15	40.7	55	5

STAHLWILLE HPQ® sockets



STAHLWILLE HPQ® sockets are manufactured from selected tough steel alloys. The result: they are extremely durable. HPQ® sockets are free of cadmium and are therefore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor.

*High Performance Quality

40aDL/7 Set: Sockets



extra deep
Content: 3/16; 1/4; 5/16; 3/8; 7/16; 1/2; 9/16"



Code	Weight g
96016401	241
packed in carton	

40aDL/10CL Set: Sockets with clip strip



Content: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
1 clip strip No 40CL-2

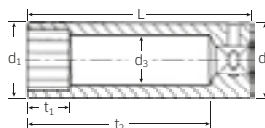


Code	Weight g
96016410	350

40aDV Sockets



SAE AS 954, S.B.A.C. AS 40605/40606, HPQ® high performance steel, chrome plated.



Code	Size	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Weight g	Box
01650014	7/32	8.6	10.7	5	31.8	6	23.8	12	10
01650016	1/4	9.4	10.7	5.2	31.8	6	23.8	13	10
01650018	9/32	10.7	10.7	6.6	31.8	6.5	22	13	10
01650020	5/16	11.6	11.6	7	31.8	8	21.9	15	10

Sockets, Socket Sets

6.3
1/4"

DIN
3120

ISO
1174-1

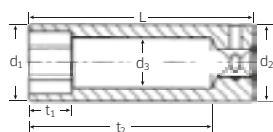
3

40L

○ Sockets



extra deep, DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3710, E DIN EN 3709 (test loads), HPQ® high performance steel, chrome plated.



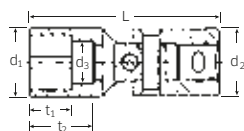
Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg g	
01020032 NEW	3.2	5.6	10.7	2.5	50	2	37.5	11.5	10
01020004	4	6.7	10.7	3.2	50	3.5	42	14	10
01020045	4.5	7.3	10.7	3.7	50	4	42	15	10
01020005	5	7.9	10.7	4	50	4.5	42	16	10
01020055	5.5	8.5	10.7	4.5	50	6	42	17	10
01020006	6	9.2	10.7	5	50	6	42	18	10
01020007	7	10.7	10.7	6	50	6.5	40.9	24	10
01020008	8	11.6	11.6	7	50	8	40.1	27	10
01020009	9	12.8	12.8	8	50	8	39.8	31	10
01020010	10	14.3	14.3	9	50	9	41.9	38	10
01020011	11	15.5	15.5	10	50	10.5	41.6	43	10
01020012	12	16.5	16.5	11	50	12	41.3	49	10
01020013	13	17.8	17.8	12	50	12	41	56	10

402

○ UNIFLEX sockets



American sizes: SAE AS 954, ASME B 107.1, HPQ® high performance steel, chrome plated.



Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg g	
01140006	6	9.2	12.7	5	32	5.5	10	16	5
01140007	7	10.4	12.7	6	33.5	6	11.5	16	5
01140008	8	11.6	12.7	6.7	35	8	13	17	5
01140009	9	13	12.7	8	36	8	12	20	5
01140010	10	14.2	12.7	9	38	12	14	21	5

402a

○ UNIFLEX sockets

Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg g	
01540014	7/32	8.6	12.7	4.8	32	5.5	10	17	5
01540016	1/4	9.6	12.7	5.2	32	5.5	10	16	5
01540018	9/32	11	12.7	6.4	32	6.5	10	19	5
01540020	5/16	11.6	12.7	6.7	35	8	13	17	5
01540022	11/32	12.7	12.7	8	35	7.5	11.5	19	5
01540024	3/8	13.6	12.7	9	38	8.6	13.1	20	5
01540028	7/16	15.7	12.7	10.5	39.5	10.7	15	23	5
01540032	1/2	17.3	12.7	12	41.5	11.1	16.5	27	5

402a/5

Set: UNIFLEX sockets



Content: 1/4; 5/16; 3/8; 7/16; 1/2"



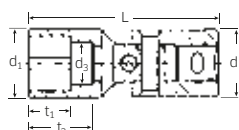
Code	Δg g
96015401	101

402aK

○ UNIFLEX sockets



short version, HPQ® high performance steel, chrome plated.



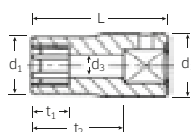
Code	"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg g	
01541024	3/8	13.6	12.7	6.7	34	9.1	12.0	19	5
01541034	9/16	19	12.7	13.1	37.5	10.3	11.8	25	5

40TX

⊗ Sockets



for external TORX® screws, HPQ® high performance steel, chrome plated.



Code	size	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg g	
01270004	E4	3.8	5.6	10.7	2	23	4.5	15	8	10
01270005	E5	4.7	6.7	10.7	2.8	23	5	15	7	10
01270006	E6	5.7	8	10.7	3.6	23	5.5	15	10	10
01270007	E7	6.2	9.6	10.7	3.8	23	6.5	15	10	10
01270008	E8	7.5	10.5	11.6	4.3	23	7	15	10	10
01270010	E10	9.4	12.7	12.7	5.6	23	9	15	17	10

40aSP

Socket spline-drive

HPQ

MS-33787, MIL-W-8982, HPQ® high performance steel, chrome plated.



Code	Spline size	"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
01011007	7	7/32	8.6	10.7	5	22.2	6	14.2	7	1
01011008	8	1/4	9.5	10.7	5.6	22.2	7	14.2	10	1
01011009	9	9/32	11.2	11.2	6.6	22.2	8	12.4	10	1
01011010	10	5/16	11.6	11.6	7.1	22.2	8	12.2	12	1
01011012	12	3/8	13.8	13.8	8.6	23	8.7	12.6	18	1
01011014	14	7/16	15.7	15.7	10.4	25	10.7	14.1	24	1

40aLSP

Socket spline-drive

HPQ

extra deep bolt clearance, MS-33787, MIL-W-8982, HPQ® high performance steel, chrome plated.



Code	Spline size	"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
01021007	7	7/32	8.6	10.7	5	50.8	6	42.8	18	1
01021008	8	1/4	9.5	10.7	5.6	50.8	8	42.8	24	1
01021010	10	5/16	11.6	11.6	7.1	50.8	8	40.8	27	1

402aSP

UNIFLEX sockets spline-drive

HPQ

MS-33787, MIL-W-8982, HPQ® high performance steel, chrome plated.



Code	Spline size	"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
01542016	8	1/4	9.5	12.7	5.6	32	6.4	9.8	16	5
01542020	10	5/16	11.6	12.7	7.1	35	8	13	18	5

41K

Screwdriver sockets

for slotted screws, blades to DIN 5264, Chrome Alloy Steel, chrome plated.

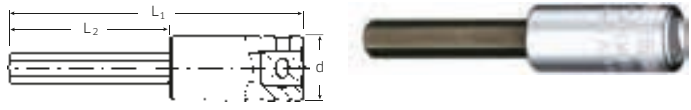


Code	mm	L ₁ mm	L ₂ mm	d mm	a mm	b mm	g	
01280006	0.6x3.5	28	16	11.6	0.6	3.5	9	5
01280008	0.8x4	28	16	11.6	0.8	4	10	5
01280010	1x5.5	28	16	11.6	1	5.5	11	5
01280012	1.2x8	28	16	11.6	1.2	8	12	5

44

IN HEX sockets

for socket head screws, DIN 7422, Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	g	
01050003	3	55	30	10.7	14	5
01050004	4	55	30	10.7	16	5
01050005	5	55	30	10.7	20	5
01050006	6	55	30	11.6	26	5

44a

IN HEX sockets

Code	"	L ₁ mm	L ₂ mm	d mm	g	
01450004	1/16	55	30	10.7	11	5
01450005	5/64	55	30	10.7	12	5
01450006	3/32	55	30	10.7	14	5
01450007	7/64	55	30	10.7	17	5
01450008	1/8	55	30	10.7	12	5
01450009	9/64	55	30	10.7	13	5
01450010	5/32	55	30	10.7	14	5
01450012	3/16	55	30	10.7	17	5
01450014	7/32	55	30	10.7	19	5
01450016	1/4	55	30	11.6	24	5

44K

IN HEX sockets

for socket head screws, Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	g	
01120003	3	28	16	11.6	10	5
01120004	4	28	16	11.6	10	5
01120005	5	28	16	11.6	10	5
01120006	6	28	16	11.6	10	5
01120008	8	28	16	11.6	15	5

6.3
1/4"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

6.3
1/4"

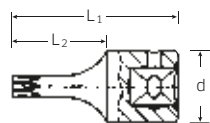
DIN
3120

ISO
1174-1

44KTX

Screwdriver sockets

for inside TORX® screws, Chrome Alloy Steel, chrome plated.

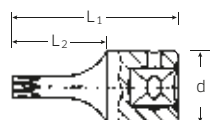


Code	size	mm	L ₁ mm	L ₂ mm	d mm	△△ g	
01 35 00 08	T8	2.3	28	16	11.6	10	5
01 35 00 09	T9	2.5	28	16	11.6	10	5
01 35 00 10	T10	2.7	28	16	11.6	10	5
01 35 00 15	T15	3.3	28	16	11.6	10	5
01 35 00 20	T20	3.8	28	16	11.6	11	5
01 35 00 25	T25	4.4	28	16	11.6	11	5
01 35 00 27	T27	5.0	28	16	11.6	11	5
01 35 00 30	T30	5.5	28	16	11.6	11	5
01 35 00 40	T40	6.6	28	16	11.6	12	5

44KTXB

Screwdriver sockets

with hollow point, for inside TORX® screws (TORX® TAMPER RESISTANT), Chrome Alloy Steel, chrome plated.

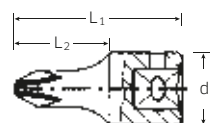


Code	size	mm	L ₁ mm	L ₂ mm	d mm	△△ g	
01 35 10 08	T8	2.3	28	16	11.6	10	5
01 35 10 09	T9	2.5	28	16	11.6	10	5
01 35 10 10	T10	2.7	28	16	11.6	10	5
01 35 10 15	T15	3.3	28	16	11.6	10	5
01 35 10 20	T20	3.8	28	16	11.6	10	5
01 35 10 25	T25	4.4	28	16	11.6	11	5
01 35 10 27	T27	5.0	28	16	11.6	10	5
01 35 10 30	T30	5.5	28	16	11.6	11	5
01 35 10 40	T40	6.6	28	16	11.6	12	5

44P

Screwdriver sockets

for recessed head screws Phillips-Recess®, tips to DIN 5260, Chrome Alloy Steel, chrome plated.

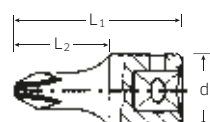


Code	PH size	L ₁ mm	L ₂ mm	d mm	△△ g	
01 29 00 01	1	28	16	11.6	12	5
01 29 00 02	2	28	16	11.6	11	5
01 29 00 03	3	28	16	11.6	12	5
01 29 00 04	4	28	16	11.6	14	5

44PZ

Screwdriver sockets

for POZIDRIV®/SUPADRIV® screws, Chrome Alloy Steel, chrome plated.



Code	PZ size	L ₁ mm	L ₂ mm	d mm	△△ g	
01 30 00 01	1	28	16	11.6	10	5
01 30 00 02	2	28	16	11.6	11	5

40CL

Clip strips

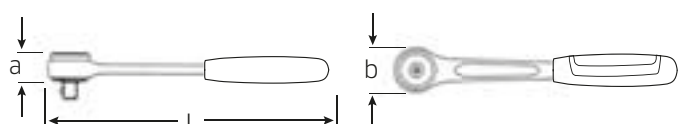
for socket retention, with 9 or 10 retaining clips.
Supplied without sockets.



Code	size	L mm	△△ g	
80 40 00 01	1	200	36	5
80 40 00 02	2	300	52	5

Drive tools and accessories

1/4" □, finish: Chrome Alloy Steel, chrome plated.



411

Ratchet, fine tooth

reversible, 60 teeth,
with 2-component handle,
for use in confined spaces,
re-engages after movement of 6°,
DIN 3122/ISO 3315.



Code	L mm	b mm	a mm	△△ g	
11 23 10 11	118	24	19.5	96	1

415

Ratchet

reversible, 22 teeth,
with 2-component handle,
DIN 3122/ISO 3315.



Code	L mm	b mm	a mm	△△ g	
11 11 10 10	117	22	13	80	5

415QR

QuickRelease ratchet

QR

reversible, 22 teeth,
with QuickRelease safety lock
and 2-component handle, DIN 3122/ISO 3315, registered design.



Code	L mm	b mm	a mm	△△ g	
11 11 00 20	117	22	13	79	1

415QR N

QuickRelease ratchet, fine tooth

QR

F&D

reversible, 80 teeth,
with QuickRelease safety lock and
2-component handle,
for use in confined spaces,
re-engages after movement of 4.5°, construction without screws
prevents foreign object damage, DIN 3122/ISO 3315, registered design.



Code	L mm	b mm	a mm	△△ g	
11 11 10 20	117	22.6	10.7	79	1

415SG-QR N QuickRelease ratchet, fine tooth

NEW

QR FSD



reversible, 80 teeth, with QuickRelease safety lock and steel handle, for use in confined spaces, re-engages after movement of 4.5°, construction without screws prevents foreign object damage, DIN 3122/ISO 3315, registered design

Code	L mm	b mm	a mm	△ g	
11 11 1030	117	22.6	10.7	90	1

415QRL N QuickRelease ratchet, fine tooth

NEW

QR FSD



long, reversible, 80 teeth, with QuickRelease safety lock and 2-component handle, for use in confined spaces, re-engages after movement of 4.5°, construction without screws prevents foreign object damage, DIN 3122/ISO 3315, registered design.

Code	L mm	b mm	a mm	△ g	
11 11 1040	153	22.6	10.7	96	1

415B Bit ratchet

reversible, 22 teeth, with 2-component handle and inside hexagon, 1/4", DIN 3126/ISO 1173 D 6.3 for BITS Screwdriver sockets 1/4".

Internal hex drive with a collar-thrust spring.

Bits are easy to insert, lock securely in position and can be removed just as easily; even hex bits with a wide groove (Type E, DIN 3126/ISO 1173).



Code	L mm	b mm	a mm	△ g	
11 13 1011	117	22	12	76	5

415SGB N Bit ratchet, fine tooth

NEW

FSD



reversible, 80 teeth, with steel handle and inside hexagon, 1/4", DIN 3126/ISO 1173 D 6.3 for Bits Screwdriver sockets 1/4". Internal hex drive with a collar-thrust spring. Bits are easy to insert, lock securely in position and can be removed just as easily; even hex bits with a wide groove (Type E, DIN 3126/ISO 1173), for use in confined spaces, re-engages after movement of 4.5°, construction without screws prevents foreign object damage.

Code	L mm	b mm	a mm	△ g	
11 13 2020	117	22.6	10.7	85	1

416QR QuickRelease fine-tooth flexible-joint ratchet

NEW

QR FSD



reversible, 80 teeth, with QuickRelease safety lock and 2-component handle, handle may be raised or lowered by approx. 90°. Lockable in following positions: straight, 30° up, 60° up, 30° down. Release the lock by pressing the button in the handle, for use in confined spaces, re-engages after movement of 4.5°, construction without screws prevents foreign object damage, DIN 3122/ISO3315, registered design.

Code	L mm	b mm	a mm	△ g	
11 26 1010	170	22.5	12	170	1

415QR N/7 Set of wrenches

NEW

QR



in sturdy, stackable ABS plastic case, 7 pieces

Content :

- 1 ratchet No 415QR N
- 3 extension No 405QR/2 (54 mm), No 405QR/4 (102 mm), No 405QR/6 (150 mm)
- 1 universal joint No 407QR
- 1 drive handle No 400QR
- 1 T-handle No 404QR

Code	△ g	
96 01 40 10	758	1

4110 Spare parts set for ratchets No 411, 416

Content:

- 1 pinion; 1 pawl; 1 switching disk; 1 spring; 3 screws

Code	△ g	
19 20 00 01	47	1

4150 Spare parts set for ratchets No 415, 415SK, 415SG

Content:

- 1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws M 1.7 x 8; 1 cover plate

Code	△ g	
19 01 00 00	26	1

4150QR Spare parts set for ratchets No 415QR, 415QRL, 415SG-QR

QR

Content:

- 1 pinion; 1 pawl; 2 levers with pin; 1 ball; 2 compression springs; 2 screws M 1.7 x 8; 2 cover plates

Code	△ g	
19 01 10 20	24	1

4150QR N Spare parts set for ratchet No 415QR N, 415QRL N, 415SG-QR N

QR

Content:

- 1 pinion; 1 locking disc; 1 lever; 1 pin; 1 ball; 1 compression spring; 2 circlips; 1 cover plate

Code	△ g	
19 01 20 20	21	1

4150B Spare parts set for ratchets No 415B, 415SGB

Content:

- 1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws M 1.7 x 8; 1 cover plate

Code	△ g	
19 01 00 11	20	1

6.3
1/4"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

6.3
1/4"

DIN
3120

ISO
1174-1

3

400 Drive handle

DIN 3122/ISO 3315.



Code	L mm	△△ g	☐
11 05 00 10	150	70	5

400QR QuickRelease drive handle

QR

DIN 3122/ISO 3315,
with QuickRelease safety lock,
patent.



Code	L mm	△△ g	☐
11 05 10 10	150	80	1

400 Drill Drive handle

with 3/4" square drive in end of
handle, DIN 3122/ISO 3315.



Code	L mm	△△ g	☐
11 05 00 11	150	106	5

401 Drive handle

flexible shaft (right hand rotation only), maximum torque 5 N-m.



Code	L mm	△△ g	☐
11 05 30 02	240	130	5

403 Flexible handle

DIN 3122/ISO 3315, with 2-component handle.



Code	L mm	△△ g	☐
11 06 10 10	154.5	70	1

404 Sliding T-handle

DIN 3122/ISO 3315.



Code	L mm	△△ g	☐
11 07 00 00	116	38	5

404QR QuickRelease sliding T-handle

QR

with QuickRelease safety locks,
patent.



Code	L mm	△△ g	☐
11 07 10 00	116	52	1

413QR QuickRelease speeder brace

NEW

QR

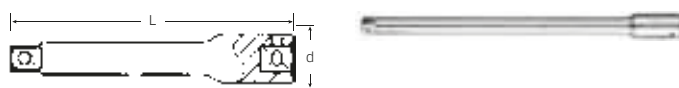
with steel handle,
for greater axial power transmission, detachable palm head, working
radius 70 mm, with QuickRelease safety lock, patent.



Code	L mm	△△ g	☐
11 10 00 05	440	352	1

405 Extensions

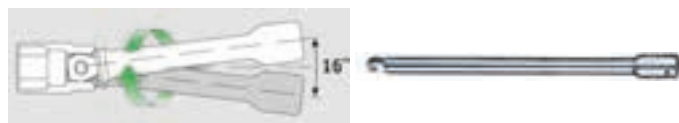
DIN 3123/ISO 3316.



Code	size	L mm	d mm	△△ g	☐
11 01 00 01	2	54	11.6	29	5
11 01 00 06	4	100	11.6	46	5
11 01 00 02	6	150	11.6	65	5
11 01 00 10	10	254	11.6	115	1
11 01 00 14	14	356	11.6	155	1

405W Extensions with wobble-drive

swivel angle 8° each side, max. torque 40 N-m.



Code	size	L mm	d mm	△△ g	☐
11 01 00 11	2	54	11.6	28	1
11 01 00 16	4	100	11.6	45	1
11 01 00 12	6	150	11.6	55	1
11 01 00 20	10	254	11.6	110	1
11 01 00 24	14	356	11.6	155	1

405QR QuickRelease extensions

QR

patent, DIN 3123/ISO 3316.



Code	size	L mm	d mm	△△ g	☐
11 01 10 01	2	54	11.6	28	1
11 01 10 06	4	102	11.6	49	1
11 01 10 02	6	150	11.6	65	1
11 01 10 13	13	330	11.6	145	1
11 01 10 05	14	356	11.6	150	1

406 Extension, flexible

(right hand rotation only)
maximum torque 5 N·m.



Code	L mm	d mm	Δ g	
11 04 00 00	152	11.6	61	5

407 Universal joint

DIN 3123/ISO 3316.

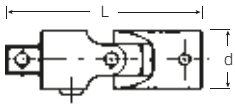


Code	L mm	d mm	Δ g	
11 02 00 00	37	12.8	23	5

407QR QuickRelease universal joint

QR

with QuickRelease safety lock, patent.



Code	L mm	d mm	Δ g	
11 02 10 00	45	13	35	1

5513 Set of adaptors

NEW

No 409, 1/4" socket x 3/8" plug
No 431, 3/8" socket x 1/4" plug
No 432, 3/8" socket x 1/2" plug
No 513, 1/2" socket x 3/8" plug
No 514, 1/2" socket x 3/4" plug



Code	Δ g	
96 12 10 03	648	1

409 Adaptor

HPQ

1/4" socket x 3/8" plug (6.3 x 10),
DIN 3123/ISO 3316, HPQ® high performance steel.



Code	L mm	d mm	Δ g	
11 03 00 02	25	12.8	18	5

409M/432M/514M/3 Set adaptors, 3 pieces

1/4" socket x 3/8" plug,
3/8" socket x 1/2" plug,
1/2" socket x 3/4" plug.



Code	Δ g	
96 12 10 02	120	1

409M Adaptor

1/4" socket x 3/8" plug (6.3 x 10).



Code	L mm	ϕ mm	Δ g	
11 03 00 10	13	28	14	1

410 Adaptor

HPQ

1/4" socket x 1/2" plug (6.3 x 12.5),
HPQ® high performance steel.



Code	L mm	d mm	Δ g	
11 03 00 03	28	16.5	36	5

412 Bit holder

HPQ

○ 1/4" inside hexagon, DIN 3126/ISO 1173 D 6.3.
Internal hex drive with a collar-thrust spring.
Bits are easy to insert, lock securely in position and can be removed just as easily; even hex bits with a wide groove (Type E, DIN 3126/ISO 1173).
HPQ® high performance steel.



Code	L mm	d mm	Δ g	
11 18 00 10	25	11.6	15	5

412-1 Bit holder

HPQ

○ 1/4" inside hexagon, DIN 3126/ISO 1173 D 6.3
Outer ● 10 mm for use in tools with 10 mm
internal hex drive or internal double hexagon
(e.g. "FLEXI" double-ended flexi-joint spanners, T-handle universal joint spanners, box spanners, ratchet ring spanners etc.).
Internal hex drive with a collar-thrust spring.
Bits are easy to insert, lock securely in position and can be removed just as easily; even hex bits with a wide groove (Type E, DIN 3126/ISO 1173).
HPQ® high performance steel.



Code	Außen ●	L mm	d mm	Δ g	
11 18 00 20	10 mm	20	11.6	11	5

417/1 Locking adaptor

with hexagon key wrench
No 10760aCV 3/32".



Code	L mm	d mm	Δ g	
96 11 27 01	42	13	23	1

6.3
1/4"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

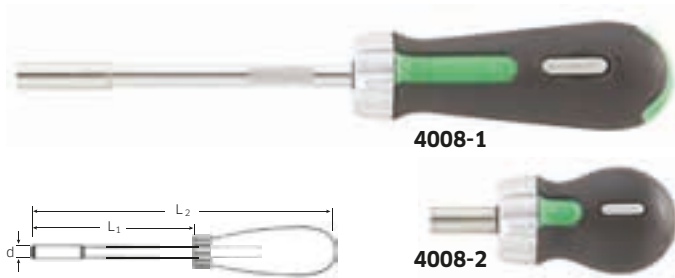
6.3
1/4"

DIN
3120

ISO
1174-1

4008 Ratcheting BIT holder

- Easy change of direction (anticlockwise, clockwise and fixed) by simply twisting the locking ring
- Ergonomically designed, non-slip 2-component handle for optimum force transmission
- Storage compartment for 6 bits in the handle; push button to open (Size 1)
- For BITS screwdriver inserts with external hex 1/4"
- DIN 3126/ISO 1173 Type C 6.3
- 1/4" sockets can be used with Adaptor No 3115/1 (external hex and square drive 1/4")
- Easy bit change thanks to internal hex. drive with magnet
- Knurled spin section for faster screw advance
- Heavy-duty mechanism with 48 teeth (7.5° working angle)



Code	size	inside O	"	L ₁ mm	L ₂ mm	d mm	△ g	
18 12 0001	1	D 6.3	1/4	127	250	10	248	1
18 12 0002	2	D 6.3	1/4	25	95	10	137	1

inside O DIN 3126/ISO 1173

4008/27/1R Ratcheting BIT holder set



29 pieces

Content:

- 1 Ratcheting bit holder No 4008-1
- 3 Bits ⊕ 1221; 1222; 1223
- 3 Bits ⊕ PZ 1221; PZ 1222; PZ 1223
- 6 Bits ⊕ 1440 T10; 1441 T15; 1442 T20; 1443 T25; 1445 T30; 1446 T40
- 3 Bits ⊕ 1301; 1302; 1303
- 3 Bits ⊖ 1163 0.6 x 4.5; 1165 0.8 x 5.5; 1166/1 1.2 x 6.5 mm
- 1 Square drive extension No 3115/1 with 1/4" outer hex. and outer square drives for attaching 1/4" □ sockets
- 9 Sockets No 40. 1/4" □ sizes 4; 5; 5.5; 6; 7; 8; 10; 11; 13 mm

Code	△ g	
96 18 2203	642	1

Tools for Hi-Lok bolts

40aD/8/1H Socket set

for Hi-Lok bolts.

Content:

- 5 sockets with bi-hexagon No 40aD: sizes 7/32; 1/4; 5/16; 11/32; 3/8"
- 3 offset screwdrivers No 10759a: 1/16; 5/64; 3/32"
- 1 ratchet No 415SGH



Code	△ g	
96 01 6303	638	1

415SGH N Hi-Lok-ratchet, fine tooth

F3D



reversible, 80 teeth, patent, axially drilled pinion, locking facility for sockets. For use on Hi-Lok bolts in the aerospace industry, for use in confined spaces, re-engages after movement of 4.5°, construction without screws prevents foreign object damage.

Code	L mm	b mm	a mm	△ g	
11 11 00 10	117	22.6	10.7	90	5

414H Hi-Lok extensions

with lock-on facility as on ratchet No 415SGH, patent.



Code	size	L mm	d mm	△ g	
11 24 00 11	2	54	13	34	1
11 24 00 12	4	102	13	49	1
11 24 00 13	6	152	13	66	1

10759 Offset screwdrivers

with hexagon end for ratchet

No 415SGH, patent.

Round shaft on screwdriver enables locking of ball retainer.



Code	size	mm	L mm	△ g	
43 06 2002	1	2	50	5	5
43 06 4002	2	2	100	8	5

10759a Offset screwdrivers

Code	size	"	L mm	△ g	
43 56 0004	1	1/16	50	5	5
43 56 4004	2	1/16	100	8	5
43 56 0005	1	5/64	50	5	5
43 56 4005	2	5/64	100	8	5
43 56 0006	1	3/32	50	5	5
43 56 4006	2	3/32	100	8	5

40/20/4QR SCI Socket set 1/4" ☐

in softcase with foam inlay,

24 pieces

Content:

10 sockets with hexagon No 40:

sizes 5; 5.5; 6; 7; 8; 9; 10; 11; 12;
13 mm

2 bits 1221: size 1; 1222: size 2

3 bits 1301: 4 mm; 1302: 5 mm;
1303: 6 mm

5 bits 1414: T10; 1415: T15;

1416: T20; 1417: T25; 1419: T30

1 ratchet No 415QR N

2 extensions No 405QR/2 (54 mm), No 405QR/6 (150 mm)

1 bit-holder No 412



Code Δ
g

96010127 565

40/9/4 Socket set 1/4" ☐

in sturdy, stackable ABS plastic case,
13 pieces

Content:

9 sockets with hexagon No 40:

sizes 4; 5; 5.5; 6; 7; 8; 10; 11;
13 mm

1 ratchet No 415

2 extensions

No 405/2 (54 mm),

No 405/6 (150 mm)

1 universal joint No 407



Code Δ
g

96011119 717

40D/9/4 Socket set 1/4" ☐

in sturdy, stackable ABS plastic case,
13 pieces

Content:

9 sockets with bi-hexagon No 40D:

sizes 4; 5; 5.5; 6; 7; 8; 10; 11;
13 mm

1 ratchet No 415

2 extensions

No 405/2 (54 mm),

No 405/6 (150 mm)

1 universal joint No 407



Code Δ
g

96011304 749

40/13/6 Socket set 1/4" ☐

in sturdy, stackable ABS plastic case,
19 pieces

Content:

13 sockets with hexagon No 40:

sizes 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9;
10; 11; 12; 13 mm

1 ratchet No 415

2 extensions No 405/2 (54 mm),

No 405/6 (150 mm)

1 universal joint No 407

1 drive handle No 400

1 T-handle No 404



Code Δ
g

96011124 924

40/13/6QR Socket set 1/4" ☐

QR

in sturdy, stackable ABS plastic case,
19 pieces

Content:

13 sockets with hexagon No 40:

sizes 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9;
10; 11; 12; 13 mm

1 ratchet No 415QR N

2 extensions No 405QR/2 (54 mm),

No 405QR/6 (150 mm)

1 universal joint No 407QR

1 drive handle No 400QR

1 T-handle No 404QR



Code Δ
g

96011180 978

40/44/17/5 Socket set 1/4" ☐

in sturdy, stackable ABS plastic case,
22 pieces

Content:

13 sockets with hexagon No 40:

sizes 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9;
10; 11; 12; 13 mm

4 IN HEX sockets No 44:

sizes 3; 4; 5; 6 mm

1 ratchet No 415

1 extension No 405/6 (150 mm)

1 universal joint No 407

1 drive handle No 400

1 T-handle No 404



Code Δ
g

96011113 968

40/44/17/5QR Socket set 1/4" ☐

QR

in sturdy, stackable ABS plastic case,
22 pieces

Content:

13 sockets with hexagon No 40:

sizes 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9;
10; 11; 12; 13 mm

4 IN HEX sockets No 44:

sizes 3; 4; 5; 6 mm

1 ratchet No 415QR

1 extension No 405/6QR (150 mm)

1 universal joint No 407QR

1 drive handle No 400QR

1 T-handle No 404QR



Code Δ
g

96011181 981

6.3
1/4"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

6.3
1/4"

DIN
3120

ISO
1174-1

3

40/23/7 Socket set 1/4"

in sturdy, stackable ABS plastic case,
30 pieces
Content:

- 12 sockets with hexagon No 40:
sizes 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10;
11; 12; 13 mm
- 4 IN HEX sockets No 44:
sizes 3; 4; 5; 6 mm
- 3 bits  1221: size 1; 1222: size 2; 1223: size 3
- 4 bits  1162: 0.6 x 3.5 mm; 1164: 0.8 x 4 mm; 1166: 1 x 5.5 mm;
1168: 1.6 x 8 mm
- 1 ratchet No 415
- 2 extensions No 405/2 (54 mm), No 405/6 (150 mm)
- 1 universal joint No 407
- 1 drive handle No 400
- 1 T-handle No 404
- 1 bit-holder No 412



Code	 g
96011134	1287

40D/23/7 Socket set 1/4"

in sturdy, stackable ABS plastic case,
30 pieces
Content:

- 2 sockets with hexagon No 40:
sizes 4; 4.5 mm
- 10 sockets with bi-hexagon No 40D:
sizes 5; 5.5; 6; 7; 8; 9; 10; 11; 12;
13 mm
- 4 IN HEX sockets No 44: sizes 3; 4; 5; 6 mm
- 3 bits  No 1221: size 1; No 1222: size 2; No 1223: size 3
- 4 bits  1162: 0.6 x 3.5 mm; 1164: 0.8 x 4 mm; 1166: 1.0 x 5.5 mm;
1168: 1.6 x 8 mm
- 1 ratchet No 415
- 2 extensions No 405/2 (54 mm), No 405/6 (150 mm)
- 1 universal joint No 407
- 1 drive handle No 400
- 1 T-handle No 404
- 1 bit-holder No 412



Code	 g
96011305	1212

40/23/6 Socket set 1/4"

in sturdy, stackable ABS plastic case,
29 pieces
Content:

- 11 sockets with hexagon No 40:
sizes 5; 5.5; 6; 7; 8; 9; 10; 11; 12;
13; 14 mm
- 3 screwdriver sockets  No 41K:
sizes 0.6 x 3.5; 1.0 x 5.5;
1.2 x 8 mm,
- 5 IN HEX sockets No 44K:
sizes 3; 4; 5; 6; 8 mm
- 4 screwdriver sockets  No 44P: sizes 1; 2; 3; 4
- 1 ratchet No 415
- 2 extensions No 405/2 (54 mm), No 405/6 (150 mm)
- 1 universal joint No 407
- 1 drive handle No 400
- 1 T-handle No 404



Code	 g
96011136	1064

40/23/6QR Socket set 1/4"

NEW

QR

in sturdy, stackable ABS plastic case,
29 pieces
Content:

- 11 sockets with hexagon No 40:
sizes 5; 5.5; 6; 7; 8; 9; 10; 11; 12;
13; 14 mm
- 3 screwdriver sockets  No 41K:
sizes 0.6 x 3.5; 1.0 x 5.5; 1.2 x 8 mm,
- 5 IN HEX sockets No 44K:
sizes 3; 4; 5; 6; 8 mm
- 4 screwdriver sockets  No 44P: sizes 1; 2; 3; 4
- 1 ratchet No 415QR N
- 2 extensions No 405QR/2 (54 mm), No 405QR/6 (150 mm)
- 1 universal joint No 407QR
- 1 drive handle No 400QR
- 1 T-handle No 404QR



Code	 g
96011137	998

40D/23/6 Socket set 1/4"

in sturdy, stackable ABS plastic case,
29 pieces
Content:

- 11 sockets with bi-hexagon No 40D:
sizes 5; 5.5; 6; 7; 8; 9; 10; 11; 12;
13; 14 mm
- 3 screwdriver sockets  No 41K:
sizes 0.6 x 3.5; 1.0 x 5.5;
1.2 x 8 mm
- 5 IN HEX sockets No 44K:
sizes 3; 4; 5; 6; 8 mm
- 4 screwdriver sockets  No 44P: sizes 1; 2; 3; 4
- 1 ratchet No 415
- 2 extensions No 405/2 (54 mm), No 405/6 (150 mm)
- 1 universal joint No 407
- 1 drive handle No 400
- 1 T-handle No 404



Code	 g
96011306	1017

40/24/6 Socket set 1/4"

in sturdy, stackable ABS plastic case,
30 pieces
Content:

- 12 sockets with hexagon No 40:
sizes 4; 5; 5.5; 6; 7; 8; 9; 10; 11;
12; 13; 14 mm
- 3 screwdriver sockets  No 41K:
0.6 x 3.5; 1.0 x 5.5; 1.2 x 8 mm
- 5 IN HEX sockets No 44K:
sizes 3; 4; 5; 6; 8 mm
- 2 screwdriver sockets  No 44P: sizes 1; 2
- 2 screwdriver sockets  No 44PZ: sizes 1; 2
- 1 ratchet No 415
- 2 extensions No 405/2 (54 mm), No 405/6 (150 mm)
- 1 universal joint No 407
- 1 drive handle No 400
- 1 T-handle No 404



Code	 g
96011138	1058

40/24/6QR

Socket set 1/4"

QR

in sturdy, stackable ABS plastic case,
30 pieces

Content:

- 12 sockets with hexagon No 40:
sizes 4; 5; 5.5; 6; 7; 8; 9; 10; 11;
12; 13; 14 mm
- 3 screwdriver sockets  No 41K:
0.6 x 3.5; 1.0 x 5.5; 1.2 x 8 mm
- 5 INHEX sockets No 44K:
sizes 3; 4; 5; 6; 8 mm
- 2 screwdriver sockets  No 44P: sizes 1; 2
- 2 screwdriver sockets  No 44PZ: sizes 1; 2
- 1 ratchet No 415QR N
- 2 extensions No 405QR/2 (54 mm), No 405QR/6 (150 mm)
- 1 universal joint No 407QR
- 1 drive handle No 400QR
- 1 T-handle No 404QR



Code	 g
9601 1182	1093

40/52/27/11

Socket set 1/4; 1/2"

in sturdy, stackable ABS plastic case,
38 pieces

Content:

- 9 sockets with hexagon No 40:
sizes 4; 5; 5.5; 6; 7; 8; 9; 10;
11 mm
- 10 sockets with hexagon No 52:
sizes 13; 16; 17; 18; 19; 21; 22;
24; 27; 30 mm
- 3 INHEX sockets No 44: sizes 3; 4; 5 mm
- 5 INHEX sockets No 54: sizes 6; 8; 10; 12; 14 mm
- 2 ratchets No 415, No 512
- 4 extensions No 405/2 (54 mm), No 509/5 (130 mm),
No 405/6 (150 mm), No 509/10 (255 mm)
- 2 universal joints No 407, No 510
- 1 drive handle No 400
- 2 T-handles No 404, No 506



Code	 g
9601 1160	5145

40ma/25/8

Socket set 1/4"

in sturdy, stackable ABS plastic case,
33 pieces

Content:

- 25 sockets with hexagon
No 40: sizes 3.2; 3.5; 4; 4.5; 5;
5.5; 6; 7; 8; 9; 10; 11; 12;
13; 14 mm
- No 40a: sizes 3/16; 7/32; 1/4; 9/32;
5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
- 1 ratchet No 415
- 2 extensions No 405/2 (54 mm), No 405/6 (150 mm)
- 1 extension, flexible No 406 (152 mm)
- 1 universal joint No 407
- 1 drive handle No 400
- 1 flexible handle No 403
- 1 T-handle No 404



Code	 g
9601 1162	1484

40ma/25/8QR

Socket set 1/4"

NEW

QR

in sturdy, stackable ABS plastic case,
33 pieces

Content:

- 25 sockets with hexagon
No 40: sizes 3.2; 3.5; 4; 4.5; 5;
5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
- No 40a: sizes 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
- 1 ratchet No 415QR N
- 2 extensions No 405QR/2 (54 mm), No 405QR/6 (150 mm)
- 1 extension, flexible No 406QR (152 mm)
- 1 universal joint No 407QR
- 1 drive handle No 400QR
- 1 flexible handle No 403
- 1 T-handle No 404QR



Code	 g
9601 0107	1484

40/45/36/12

Socket set 1/4; 3/8"

in sturdy, stackable ABS plastic case,
48 pieces

Content:

- 8 sockets with hexagon No 40:
sizes 4; 4.5; 5; 5.5; 6; 7; 8; 9 mm
- 12 sockets with bi-hexagon No 45:
sizes 10; 11; 12; 13; 14; 15; 16;
17; 18; 19; 21; 22 mm
- 1 socket with bi-hexagon, long,
with rubber insert No 4600: size 16 mm - 5/8"
- 3 bits  1221: size 1; 1222: size 2; 1223: size 3
- 1 bit  PZ1222: size 2
- 6 bits  1160: 0.5 x 3 mm; 1162: 0.6 x 3.5 mm; 1164: 0.8 x 4 mm;
1166: 1.0 x 5.5 mm; 1166/1: 1.2 x 6.5 mm; 1168: 1.6 x 8 mm
- 5 bits  1300: 3 mm; 1301: 4 mm; 1302: 5 mm; 1303: 6 mm;
1304: 8 mm
- 2 ratchets No 415, No 435
- 3 extensions No 427/3 (76 mm), No 405/6 (150 mm),
No 427/10 (240 mm)
- 2 universal joints No 407, No 428
- 1 drive handle No 400
- 1 T-handle No 425
- 2 bit-holder No 412, No 442
- 1 adaptor No 431



Code	 g
9601 2047	2963

 Made in
Germany

6.3
1/4"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

6.3
1/4"

DIN
3120

ISO
1174-1

3

86TX Socket set TORX® 1/4; 1/2" □

in sturdy, stackable ABS plastic case,
63 pieces

Content:

- 9 sockets with hexagon No 40:
sizes 4; 5; 5.5; 6; 7; 8; 9; 10;
11 mm
- 10 sockets with hexagon No 52:
sizes 13; 16; 17; 18; 19; 21; 22;
24; 27; 30 mm
- 5 sockets for external TORX® screws No 40TX:
sizes E4; E5; E6; E7; E8
- 7 sockets for external TORX® screws No 50TX:
sizes E10; E12; E14; E16; E18; E20; E24
- 3 INHEX sockets No 44: sizes 3; 4; 5 mm
- 5 INHEX sockets No 54: sizes 6; 8; 10; 12; 14 mm
- 6 screwdriver sockets for internal TORX® screws No 44KTX:
sizes T8; T9; T10; T15; T20; T25
- 7 screwdriver sockets for internal TORX® screws No 54TX:
sizes T27; T30; T40; T45; T50; T55; T60
- 2 ratchets No 415, No 512
- 4 extensions No 405/2 (54 mm), No 509/5 (130 mm),
No 405/6 (150 mm), No 509/10 (255 mm)
- 2 universal joints No 407, No 510
- 1 drive handle No 400



Code	ΔΔ g
96 01 37 02	6734

88TX Socket set TORX® 1/4" □

in sturdy, stackable ABS plastic case,
36 pieces

Content:

- 10 sockets with hexagon No 40:
sizes 5; 5.5; 6; 7; 8; 9; 10; 11; 12;
13 mm
- 6 sockets for external TORX®
screws No 40TX: sizes E4; E5; E6;
E7; E8; E10
- 5 INHEX sockets No 44K: sizes 3; 4; 5; 6; 8 mm
- 9 screwdriver sockets for internal TORX® screws No 44KTX:
sizes T8; T9; T10; T15; T20; T25; T27; T30; T40
- 1 ratchet No 415
- 2 extensions No 405/2 (54 mm), No 405/6 (150 mm)
- 1 universal joint No 407
- 1 drive handle No 400
- 1 T-handle No 404



Code	ΔΔ g
98 81 98 01	1287

89TX Socket set TORX® 1/4; 3/8; 1/2" □

in sturdy, stackable ABS plastic case,
35 pieces

Content:

- 3 sockets for external TORX®
screws No 40TX:
sizes E4; E5; E6
- 2 screwdriver sockets for internal
TORX® screws No 44KTX:
sizes T8; T9
- 4 sockets for external TORX® screws No 45TX:
sizes E7; E8; E10; E12
- 5 screwdriver sockets for internal TORX® screws No 49TX:
sizes T10; T15; T20; T25; T27
- 6 sockets for external TORX® screws No 50TX:
sizes E11; E14; E16; E18; E20; E24
- 6 screwdriver sockets for internal TORX® screws No 54TX:
sizes T30; T40; T45; T50; T55; T60
- 7 bits ④ 1440: T10; 1441: T15; 1442: T20; 1443: T25; 1444: T27;
1445: T30; 1446: T40
- 1 bit-holder No 442
- 1 TORX® controller: sizes E6; E7; E8; E10; E12; E14; E16; T10; T15; T20;
T25; T27; T30; T40; T45; T47; T50; T55; T60



Code	ΔΔ g
98 81 19 08	2568

40TX/44KTX/15/6 Socket set TORX® 1/4" □

in sturdy, stackable ABS plastic case,
21 pieces

Content:

- 6 sockets for external TORX®
screws No 40TX:
sizes E4; E5; E6; E7; E8; E10
- 9 screwdriver sockets for internal
TORX® screws No 44KTX:
sizes T8; T9; T10; T15; T20; T25;
T27; T30; T40
- 1 ratchet No 415
- 2 extensions No 405/2 (54 mm), No 405/6 (150 mm)
- 1 universal joint No 407
- 1 drive handle No 400
- 1 T-handle No 404



Code	ΔΔ g
96 01 37 01	896

40a/9/4 Socket set 1/4" □

in sturdy, stackable ABS plastic case,
13 pieces

Content:

- 9 sockets with hexagon No 40a:
sizes 3/16; 7/32; 1/4; 9/32; 5/16; 11/32;
3/8; 7/16; 1/2"
- 1 ratchet No 415
- 2 extensions
No 405/2 (54 mm),
No 405/6 (150 mm)
- 1 universal joint No 407



Code	ΔΔ g
96 01 51 07	817

 Made in
Germany

40aD/9/4 Socket set 1/4" ☐

in sturdy, stackable ABS plastic case,
13 pieces
Content:

- 9 sockets with bi-hexagon
No 40aD: sizes 3/16; 7/32; 1/4;
9/32; 5/16; 11/32; 3/8; 7/16; 1/2"
- 1 ratchet No 415
- 2 extensions
No 405/2 (54 mm),
No 405/6 (150 mm)
- 1 universal joint No 407



Code	8
9601 6302	727

40aD/12/7QR Socket set 1/4" ☐



in sturdy, stackable ABS plastic case,
19 pieces
Content:

- 1 socket with hexagon No 40a:
size 1/8"
- 11 sockets with bi-hexagon
No 40aD: sizes 5/32; 3/16; 7/32; 1/4;
9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
- 1 ratchet No 415SG-QR N
- 3 extensions No 405/2QR (2x) (54 mm), No 405/6QR (150 mm)
- 1 universal joint No 407QR
- 1 drive handle No 400QR
- 1 bit-holder No 412



Code	8
9601 5208	917

40aD/30/7QR Socket set 1/4" ☐



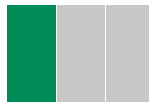
in sturdy, stackable ABS plastic case,
37 pieces
Content:

- 1 socket with hexagon No 40a:
size 1/8"
- 11 sockets with bi-hexagon
No 40aD: sizes 5/32; 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
- 11 sockets with bi-hexagon, long, No 40aDL:
sizes 5/32; 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
- 7 UNIFLEX sockets with bi-hexagon No 402a:
sizes 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2"
- 1 ratchet No 415SG-QR N
- 3 extensions No 405/2QR (2x) (54 mm), No 405/6QR (150 mm)
- 1 universal joint No 407QR
- 1 drive handle No 400QR
- 1 bit-holder No 412



Code	8
9601 5205	2168

ES 1/4" + 10760CV



175 x 350 x 41 mm, 27 pieces

Code	g
9683 81 10	1035
No 40	1/4" sizes 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
No 400	1/4" 150 mm
No 404	1/4" 116 mm
No 405/2	1/4" 54 mm
No 405/6	1/4" 150 mm
No 407	1/4" 38 mm
No 412	1/4"
No 415	1/4"
No 10760CV	sizes 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10; 12 mm
8381 20 28 Empty tray	107

TCS 1/4" + 10760CV



175 x 350 x 43 mm, 27 pieces

Code	g
9683 81 76	987
No 40	1/4" sizes 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
No 400	1/4" 150 mm
No 404	1/4" 116 mm
No 405/2	1/4" 54 mm
No 405/6	1/4" 150 mm
No 407	1/4" 38 mm
No 412	1/4"
No 415	1/4"
No 10760CV	sizes 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10; 12 mm

Sockets, Socket Sets

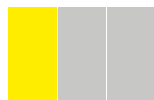
6.3
1/4"

DIN
3120

ISO
1174-1

3

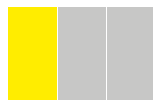
TCS 40/41/44/8



175 x 350 x 45 mm, 33 pieces

Code		⚙ g
96 83 02 17		715
 No 40	1/4" ○ sizes 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm	
 No 41K	1/4" ○. ⊖ 0.6 x 3.5; 1.0 x 5.5; 1.2 x 8 mm	
 No 44K	1/4" ○. ● 3; 4; 5; 6; 8 mm	
 No 44P	1/4" ○. ⊕ sizes 1; 2; 3; 4	
 No PZ1221 No PZ1222	1/4" ●. ⊕ size 1 1/4" ●. ⊕ size 2	
 No 400	1/4" ■ 150 mm	
 No 404	1/4" ■ 116 mm	
 No 405/2	1/4" ■ ○ 54 mm	
 No 405/6	1/4" ■ ○ 150 mm	
 No 407	1/4" ■ ○ 38 mm	
 No 409	3/8" ■ 1/4" ○	
 No 412	1/4" ○ ○	
 No 415	1/4" ■	

TCS 40/35/9



175 x 350 x 40 mm, 44 pieces

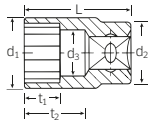
Code		⚙ g
96 83 06 01		1045
 No 40	1/4" ○ sizes 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm	
 No 40L	1/4" ○ sizes 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm	
 No 41K	1/4" ○. ⊖ 0.6 x 3.5; 1.0 x 5.5; 1.2 x 8 mm	
 No 44K	1/4" ○. ● 3; 4; 5; 6; 8 mm	
 No 44P	1/4" ○. ⊕ sizes 1; 2; 3; 4	
 No 400	1/4" ■ 150 mm	
 No 404	1/4" ■ 116 mm	
 No 405/2 No 405/4	1/4" ■ ○ 54 mm 1/4" ■ ○ 100 mm	
 No 405/6	1/4" ■ ○ 150 mm	
 No 407	1/4" ■ ○ 38 mm	
 No 412	1/4" ○ ○	
 No 415	1/4" ■	
 No 409	3/8" ■ 1/4" ○	



45 Sockets



metric sizes: DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3709,
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641,
SAE AS 954-E (test loads), HPQ® high performance steel, chrome plated.



Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
02010007	7	10.5	16.5	6	24	6	12.5	19	10
02010008	8	11.7	16.5	7	25	7	13.5	19	10
02010009	9	13	16.5	8	25	7	13.5	19	10
02010010	10	14.3	16.5	9	27	8.5	15.5	20	10
02010011	11	15.6	16.5	10	27	8.5	13.7	21	10
02010012	12	16.9	17.5	11	28	9.5	14.4	24	10
02010013	13	18	17.5	12	30	11.5	16.1	30	10
02010014	14	19.4	17.5	13	30	11.5	15.8	28	10
02010015	15	20.6	19	14	31	12.5	19.2	40	10
02010016	16	21.7	19	15	31	13.5	18.9	33	10
02010017	17	23	19	16	31	12.5	18.6	44	10
02010018	18	24.2	19	17	32	13.5	19.3	39	5
02010019	19	25.2	19	18	32	13.5	19	39	5
02010020	20	26.2	20	19	34	15.5	20.7	51	5
02010021	21	27.7	21	20	34	15.5	20.5	53	5
02010022	22	28.7	21	21	35	17	21.2	61	5
02010024	24	31.5	24	21	35	18	21.2	92	5

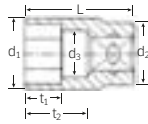
45a Sockets

Code	"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
02410016	1/4	9.7	16.5	5.2	24	6	12.5	18	10
02410020	5/16	11.7	16.5	7	25	7	13.5	19	10
02410022	11/32	12.5	16.5	8.1	25	7	13.5	19	10
02410024	3/8	13.7	16.5	8.4	27	8.5	15.5	20	10
02410028	7/16	15.7	16.5	10	28	9.5	15.1	20	10
02410032	1/2	18	17.5	11.5	30	11.5	16.5	24	10
02410034	9/16	20.2	19	13.1	31	12.7	16.8	28	10
02410035	19/32	20.6	19	14	31	13	19.2	36	5
02410036	5/8	21.7	19	15	31	13.5	18.9	31	5
02410038	11/16	23.4	19	16.3	32	14.7	19.5	34	5
02410040	3/4	25.2	19	18	32	15.9	19	41	5
02410042	13/16	27.2	20.5	19.4	34	16.5	20.5	52	5
02410044	7/8	28.7	22	21	35	18	21	59	5
02410046	15/16	31.5	24	22.6	35	18.5	20.7	95	5
02410048	1	33	25.5	24.2	35	18.5	20.2	97	5

456 Sockets



DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3709 (test loads),
HPQ® high performance steel, chrome plated.

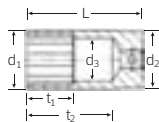


Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
02110007	7	10.5	16.5	6	24	6	12.5	19	10
02110008	8	11.7	16.5	7	25	7	13.5	19	10
02110009	9	13	16.5	8	25	7	13.5	20	10
02110010	10	14.3	16.5	9	27	8.5	15.5	20	10
02110011	11	15.6	16.5	10	27	8.5	13.7	21	10
02110012	12	16.9	17.5	11	28	9.5	14.4	24	10
02110013	13	18	17.5	12	30	11.5	16.1	25	10
02110014	14	19.4	17.5	13	30	11.5	15.8	29	10
02110015	15	20.6	19	14	31	12.5	19.2	30	10
02110016	16	21.7	19	15	31	13.5	18.9	34	10
02110017	17	23	19	16	31	12.5	18.6	45	10
02110018	18	24.2	19	17	32	13.5	19.3	42	10
02110019	19	25.2	19.6	18	32	13.5	19	43	10
02110020	20	26.2	20.5	19	34	15.5	20.7	53	10
02110021	21	27.7	21.8	20	34	15.5	20.5	59	10
02110022	22	28.7	21	21	35	17	21.2	59	10

460a Sockets



SAE AS 954-E, S.B.A.C. AS 40610/40611, ASME B 107.1,
HPQ® high performance steel, chrome plated.



Code	"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
02620016	1/4	9.9	16.5	5.2	32	7	20.5	21	5
02620020	5/16	11.5	16.5	7	32	8.5	20.5	22	5
02620024	3/8	13.7	16.5	8.5	38	9	26.5	29	5
02620028	7/16	15.7	16.5	10	38	11	24.5	33	5
02620032	1/2	17.5	17.8	11.5	44	12	30	44	5

STAHLWILLE »AS-Drive«



STAHLWILLE sockets are equipped with the AS-Drive® profile: this permits high transmission of forces to the lands of nuts and bolts without damaging them. No longer will you have to worry about stripping the corners off nuts and bolts.

*Anti-Slip-Drive

STAHLWILLE HPQ® sockets



STAHLWILLE HPQ® sockets are manufactured from selected tough steel alloys. The result: they are extremely durable. HPQ® sockets are free of cadmium and are therefore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor.

*High Performance Quality

10
3/8"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

10
3/8"

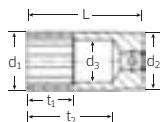
DIN
3120

ISO
1174-1

46 Sockets



extra deep, metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3710, E DIN EN 3709, ASME B 107.5M, American sizes: ASME B 107.1, Fed. Spec. GGG-W-641, SAE AS 954-E, HPQ® high performance steel, chrome plated.



Code	Ø mm/"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δ g	
02020008	8	11.7	16.5	7	54	9	42.5	36	10
02020010	10	14.3	16.5	9	54	20	42.5	41	10
02020011	11	15.6	16.5	10	54	20	40.7	51	10
02020012	12	16.9	17.5	11	54	20	40.4	57	10
02020013	13	18	17.5	12	54	20	40.1	61	10
02020014	14	19.4	17.5	13	60	25	45.8	75	10
02020015	15	20.6	19	14	60	25	48.2	85	10
02020016	16	21.7	19.5	15	60	25	47.9	81	10
02020017	17	23	21	16	65	30	52.6	97	10
02020018	18	24.2	22	17	65	30	52.3	121	10
02020019	19	25.2	23	18	65	30	52	112	10
02020208	20.8-13/16 ¹⁾	27.2	25	-	65	18	-	151	10
02020021	21	27.7	25.5	20	65	30	51.5	137	5
02020022	22	28.7	26.5	21	65	30	51.2	178	5

¹⁾ with rubber insert for spark plugs

46a Sockets

Code	Ø "	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δ g	
02420016	1/4	9.7	16.5	5.2	54	9	42.5	33	5
02420020	5/16	11.7	16.5	7	54	9	42.5	35	5
02420022	11/32	12.5	16.5	8.1	54	9	42.5	37	5
02420024	3/8	13.7	16.5	8.4	54	20	42.5	45	5
02420028	7/16	15.7	16.5	10	54	20	40.7	53	5
02420032	1/2	18	17.5	11.5	54	20	40.2	64	5
02420034	9/16	20.2	19	13.1	60	25	45.8	66	5
02420035	19/32	20.6	19	14	60	25	48.2	84	5
02420036	5/8	21.7	19.5	15	60	25	47.9	81	5
02420038	11/16	23.4	21.5	16.3	65	30	52.5	114	5
02420040	3/4	25.2	23	18	65	30	52	137	5
02420042	13/16	27.2	25	19.4	65	30	51.6	130	5
02420044	7/8	28.7	26.5	21	65	30	51.2	184	5
02420046	15/16	31.5	29	22.6	65	30	50.7	195	5
02420048	1	33	31	24.2	65	30	50.2	205	5

5100 Rubber insert

for size 20.8 mm (No 46; 51; 51S).

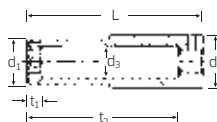
Code	Δ g	
09010001	6	5



3466 Spark plug socket



extra deep, with magnet, HPQ® high performance steel, chrome plated.

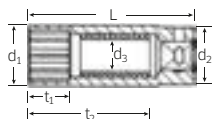


Code	Ø mm/"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δ g	
02140036	16-5/8	21.8	25.5	15	85	7	72.9	180	5

4600 Spark plug socket



extra deep, with rubber insert, HPQ® high performance steel, chrome plated.

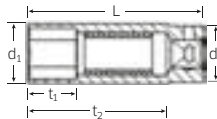


Code	Ø mm/"	d ₁ mm	d ₂ mm	L mm	t ₁ mm	t ₂ mm	Δ g	
02120036	16-5/8	21.7	19.5	60	15	47.8	88	10

4606 Spark plug socket



extra deep, with rubber insert, HPQ® high performance steel, chrome plated.



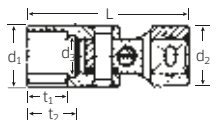
Code	Ø mm/"	d ₁ mm	d ₂ mm	L mm	t ₁ mm	t ₂ mm	Δ g	
02130018	18-11/16	24.2	22	65	18	52.8	132	10

Assembly of spark plugs on motorcycles, mopeds

47 UNIFLEX sockets



SAE AS 954-E (American sizes), HPQ® high performance steel, chrome plated.



Code	Ø mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δ g	
02040010	10	14.3	17.5	9	45.5	7	12	51	1
02040011	11	15.6	17.5	10	47.5	11	14	55	1
02040012	12	16.9	17.5	11	48	11	14.5	54	1
02040013	13	18.3	17.5	12	48	12	14.5	53	1
02040014	14	19.4	17.5	13	48.5	13	14.5	55	1
02040015	15	20.6	17.5	14	48.5	13	14.5	56	1
02040016	16	21.8	17.5	15	51.5	14	17	58	1
02040017	17	23	17.5	16	53.5	15	18.5	63	1
02040018	18	24.2	17.5	17	54.5	16	18.5	61	1
02040019	19	25.5	17.5	18	57	16	21	68	1

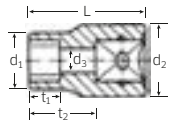
47a UNIFLEX sockets

Code		d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	
02 44 00 20	5/16	11.7	17.5	7	45.5	7	12.5	50	1
02 44 00 24	3/8	13.7	17.5	8.5	45.5	7	12	50	1
02 44 00 28	7/16	15.8	17.5	10	47.5	11	14	50	1
02 44 00 32	1/2	18.3	17.5	11.5	47.5	11.5	14	57	1
02 44 00 34	9/16	19.7	17.5	13.1	48.5	13	14.5	55	1
02 44 00 36	5/8	21.6	17.5	15	51.5	14	17	59	1
02 44 00 38	11/16	23.5	17.5	16.3	53.5	16	18.5	58	1
02 44 00 40	3/4	25.5	17.5	18	57	16	21	67	1

45TX Sockets

HPQ

for external TORX® screws, HPQ® high performance steel, chrome plated.



Code	size		d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	
02 27 00 05	E5		4.7	7	16.5	2.8	28	5	16.5	10
02 27 00 06	E6		5.7	8	16.5	3.6	28	5.5	16.5	10
02 27 00 07	E7		6.2	9	16.5	3.8	28	6.5	16.5	10
02 27 00 08	E8		7.5	10.5	16.5	4.3	28	7	16.5	10
02 27 00 10	E10		9.4	13	16.5	5.6	28	8	16.5	10
02 27 00 12	E12		11.1	14.9	16.5	7.2	28	9.5	16.5	10
02 27 00 14	E14		12.9	16.5	17.3	8	28	10	16.5	10

45TX/7 Set: Sockets

HPQ

for external TORX® screws.
Content: E5; E6; E7; E8; E10; E12; E14



Code	Δg	
96 02 27 02	g	1

packed in carton

47TX UNIFLEX sockets

for external TORX® screws, Chrome Alloy Steel, chrome plated.

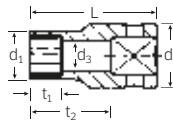


Code	size		d ₁ mm	d ₂ mm	L mm	 g	
02070008	E8	7.5	11.5	19	43	56	1
02070010	E10	9.4	13.8	19	44	61	1
02070012	E12	11.1	16	19	46	66	1
02070014	E14	12.9	17.8	19	48	75	1

45aSP Sockets spline-drive

HPQ

MS-33787, MIL-W-8982, HPQ® high performance steel, chrome plated.

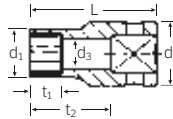


Code	Spline size		d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	
02 01 10 12	12	3/8	13.7	16.5	8.6	26.5	9	15	24	1
02 01 10 14	14	7/16	16	17.3	10.4	28	11	14.5	37	1
02 01 10 16	16	1/2	18	18.3	12.2	28	11.5	14	28	1

45aPSP Socket spline-drive

HPQ

MS-33787, MIL-W-8982, for disassembling jet engines, series CFM 56, HPQ® high performance steel, gunmetal finish.

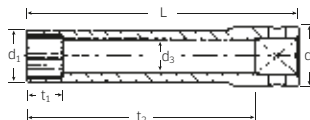


Code	Spline size		d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	
22 41 00 28	14	7/16	18.8	18.8	10.4	28	11	14.5	36	10

46aSP Sockets spline-drive

HPQ

extra deep bolt clearance, MS-33787, MIL-W-8982, HPQ® high performance steel, chrome plated.



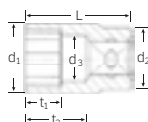
Code	Spline size		d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	
02 02 10 12	12	3/8	13.7	16.5	8.6	54	9	42.5	52	1
02 02 10 14	14	7/16	16	17.3	10.4	54	11	42.5	63	1

45aP Socket

AS DRIVE

HPQ

ASME B 107.1, Fed. Spec. GGG-W-641, SAE AS 954-E (test loads), for disassembling jet engines, series CFM 56, HPQ® high performance steel, gunmetal finish.



Code		d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	
02 43 00 20	5/16	11.9	16.5	8.1	25	7	13.5	19	10

10
3/8"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

10
3/8"

DIN
3120

ISO
1174-1

3

49 IN HEX sockets

for socket head screws, DIN 7422, Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	g	
02 05 00 03	3	52	20	17.8	38	5
02 05 00 04	4	52	20	17.8	40	5
02 05 00 05	5	52	20	17.8	44	5
02 05 00 06	6	52	20	17.8	46	5
02 05 00 07	7	52	20	17.8	51	5
02 05 00 08	8	52	20	17.8	55	5
02 05 00 10	10	52	20	17.8	62	5

49a IN HEX sockets

Code	"	L ₁ mm	L ₂ mm	d mm	g	
02 45 00 08	1/8	52	20	17.8	39	5
02 45 00 09	9/64	52	20	17.8	40	5
02 45 00 10	5/32	52	20	17.8	40	5
02 45 00 12	3/16	52	20	17.8	44	5
02 45 00 14	7/32	52	20	17.8	46	5
02 45 00 16	1/4	52	20	17.8	48	5
02 45 00 20	5/16	52	20	17.8	55	5
02 45 00 24	3/8	52	20	17.8	61	5

2049 IN HEX sockets

for socket head screws, extra long, DIN 7422, Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	g	
02 15 10 04	4	100	68	17.8	45	5
02 15 10 05	5	100	68	17.8	50	5
02 15 10 06	6	100	68	17.8	57	5
02 15 12 08	8	120	88	17.8	85	5
02 15 12 10	10	120	88	17.8	106	5

1049/3049 IN HEX sockets

for socket head screws, DIN 7422, special lengths, Chrome Alloy Steel, chrome plated.



Code	No	mm	L ₁ mm	L ₂ mm	d mm	g	
02 15 10 07	1049/7	7	100	68	17.8	66	5
02 15 24 08	3049/8	8	24	6.5	19	28	5
02 15 10 09	1049/9 ¹⁾	9	57	25	17.8	62	5

¹⁾ For brake calliper retainers on BMW and MINI.

49TX Screwdriver sockets

for inside TORX® screws, Chrome Alloy Steel, chrome plated.



Code	size	mm	L ₁ mm	L ₂ mm	d mm	g	
02 10 00 09	T9	2.5	49	17	17.8	45	5
02 10 00 10	T10	2.7	49	17	17.8	45	5
02 10 00 15	T15	3.3	49	17	17.8	45	5
02 10 00 20	T20	3.8	49	17	17.8	46	5
02 10 00 25	T25	4.4	49	17	17.8	46	5
02 10 00 27	T27	5	49	17	17.8	46	5
02 10 00 30	T30	5.5	49	17	17.8	47	5
02 10 00 40	T40	6.6	49	17	17.8	48	5
02 10 00 45	T45	7.8	49	17	17.8	49	5

49TX/8 Set: Screwdriver sockets

for inside TORX® screws.

Content: T9; T10; T15; T20; T25; T27; T30; T40



Code	g	
96 02 10 01	456	1

packed in carton

49X Screwdriver sockets

for tri-square socket head screws (XZN®), DIN 2324, Chrome Alloy Steel, chrome plated.



Code	size	L ₁ mm	L ₂ mm	d mm	g	
02 06 00 05	M5	52	20	17.8	45	5
02 06 00 06	M6	52	20	17.8	47	5
02 06 00 08	M8	52	20	17.8	56	5
02 06 00 10	M10	52	20	17.8	63	5

3049X Screwdriver sockets

for tri-square socket head screws (XZN®), extra long, DIN 2324, Chrome Alloy Steel, chrome plated.



Code	size	L ₁ mm	L ₂ mm	d mm	g	
02 26 12 06 NEW	M6	120	88	17.8	80	5
02 26 12 08	M8	120	88	17.8	80	5
02 26 12 10	M10	120	88	17.8	106	5

45CL Clip strips

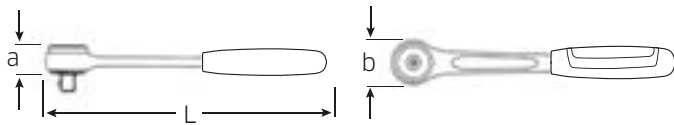
for socket retention, with 9 or 10 retaining clips.
Supplied without sockets.



Code	size	L mm	g	
80 45 0001	1	200	40	5
80 45 0002	2	300	58	5

Drive tools and accessories

3/8" □, finish: Chrome Alloy Steel, chrome plated.



422 Ratchet

fine tooth, reversible, 60 teeth,
with 2-component handle,
for use in confined spaces,
re-engages after movement of 6°,
DIN 3122/ISO 3315.



Code	L mm	b mm	a mm	g	
12 23 10 11	194	32	24	236	1

435 Ratchet

reversible, 30 teeth,
with 2-component handle,
DIN 3122/ISO 3315.



Code	L mm	b mm	a mm	g	
12 11 10 10	193	29	18	245	5

435QR QuickRelease ratchet



reversible, 80 teeth,
with QuickRelease safety lock and 2-component handle,
DIN 3122/ISO 3315, DBGM.

Code	L mm	b mm	a mm	g	
12 11 00 20	193	29	18	244	1

435QR N QuickRelease ratchet, fine tooth



reversible, 80 teeth,
with QuickRelease safety lock
and 2-component handle,
for use in confined spaces, re-engages after movement of 4.5°,
construction without screws prevents foreign object damage,
DIN 3122/ISO 3315, registered design.

Code	L mm	b mm	a mm	g	
12 11 10 20	193	30	15	235	1

435SG-QR N QuickRelease ratchet, fine tooth

NEW



reversible, 80 teeth, with QuickRelease safety lock and steel handle,
for use in confined spaces, re-engages after movement of 4.5°,
construction without screws prevents foreign object damage,
DIN 3122/ISO 3315, registered design.

Code	L mm	b mm	a mm	g	
12 11 10 30	193	30	15	266	1

445 Ratchet adaptor

reversible, 20 teeth.



Code	L mm	Ø mm	g	
12 14 00 00	53	30	135	1

452QR QuickRelease fine-tooth flexible-joint ratchet

NEW



reversible,
80 teeth, with QuickRelease safety lock and 2-component handle, handle
may be raised or lowered by approx. 90°. Lockable in following positions:
straight, 30° up, 60° up, 30° down. Release the lock by pressing the button
in the handle, for use in confined spaces, re-engages after movement of
4.5°, construction without screws prevents foreign object damage, DIN
3122/ISO3315, registered design.

Code	L mm	b mm	a mm	g	
12 26 10 10	300	28.2	14.5	350	1

435QR N/6 Set of wrenches

NEW



in sturdy, stackable ABS plastic case,
6 pieces
Content:
1 ratchet No 435QR N
3 extensions No 427QR/3 (76 mm),
No 427QR/6 (160 mm),
No 427QR/10 (240 mm)
1 universal joint No 428QR
1 T-handle No 425QR

Code	g
96 02 40 10	1375

7350/5 Spare parts set for ratchets No 422, 452

Content:
1 pinion; 1 pawl; 1 switching disk; 1 spring; 3 screws.

Code	g	
59 25 10 05	85	1

4350 Spare parts set for ratchets No 435, 435SG, 438, 439

Content:
1 pinion; 1 pawl; 1 lever with pin; 1 ball;
2 compression springs; 2 screws

Code	g	
19 02 00 00	50	1

10
3/8"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

10
3/8"

DIN
3120

ISO
1174-1

4350QR

Spare parts set for ratchets No 435QR, 435SG-QR



Content:
1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws

Code	g	
19020020	51	1

4350QR N

Spare parts set for ratchets No 435QR N, 435SG-QR N



Content:
1 pinion; 1 locking disc; 1 lever; 1 pin; 1 ball; 1 compression spring;
2 circlips; 1 cover plate

Code	g	
19021020	48	1

421

Speeder brace

working radius 85 mm,
DIN 3122/ISO 3315.



Code	L mm	g	
12100010	386.5	385	5

453QR

QuickRelease speeder brace

NEW



with steel handle,
for greater axial power
transmission, detachable palm head, working radius 85 mm,
DIN 3122/ISO 3315, with QuickRelease safety lock, patent.



Code	L mm	g	
12100005	408	619	1

424

Flexible handle

DIN 3122/ISO 3315,
with 2-component handle.



Code	L mm	g	
12061010	253.5	222	1

425

Sliding T-handle

DIN 3122/ISO 3315.



Code	L mm	g	
12070000	165	133	5

425QR

QuickRelease sliding T-handle



patent,
with QuickRelease safety lock.

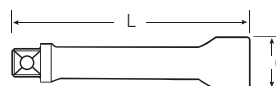


Code	L mm	g	
12071000	165	148	1

427

Extensions

DIN 3123/ISO 3316.



Code	size	L mm	d mm	g	
12010005	1.5	38	17	36	5
12010001	3	76	17	67	5
12010006	5	125	17	104	5
12010002	6	160	17	127	5
12010003	10	240	17	188	5
12010004	18	455	17	345	5

427W

Extensions with wobble-drive

swivel angle 15° each side,
max. torque 80 N·m.



Code	size	L mm	d mm	g	
12010007	3	76	17	67	5
12010008	5	125	17	104	5
12010009	6	160	17	127	5

427QR

QuickRelease extensions



patent, DIN 3123/ISO 3316.



Code	size	L mm	d mm	g	
12011001	3	76	17	66	1
12011002	6	160	17	127	1
12011003	10	240	17	185	1

433/1

Locking adaptor

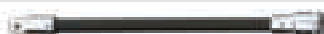
with hexagon key wrench No 10760aCV 1/8".



Code	L mm	d mm	g	
96122701	52	18	57	1

434 Extension, flexible

(right hand rotation only),
maximum torque 7 N-m.



Code	L mm	d mm	△ g	
12 04 00 00	194	17	109	5

1225 Special extension

offset



Code	L mm	d mm	△ g	
12 25 00 01	150	17	128	5

13220 Special extension

for removing Boroscope
plugs, with Boroscope plug locking,
external hexagon size 16 mm.



Code	L mm	△ g	
12 27 00 20	355	362	1

428 Universal joint

DIN 3123/ISO 3316.



Code	L mm	d mm	△ g	
12 02 00 00	46	18.8	55	5

428QR QuickRelease universal joint

QR

patent, DIN 3123/ISO 3316, with QuickRelease safety lock.



Code	L mm	d mm	△ g	
12 02 10 00	60	19	66	1

5513 Set of adaptors

No 409, 1/4" socket x 3/8" plug
No 431, 3/8" socket x 1/4" plug
No 432, 3/8" socket x 1/2" plug
No 513, 1/2" socket x 3/8" plug
No 514, 1/2" socket x 3/4" plug



Code	△ g	
96 12 10 03	648	1

431 Adaptor

HPQ

3/8" socket x 1/4" plug (10 x 6.3),
maximum torque 62 N-m, DIN 3123/ISO 3316,
HPQ® high performance steel.



Code	L mm	d mm	△ g	
12 03 00 01	28	17.2	26	5

432 Adaptor

HPQ

3/8" socket x 1/2" plug (10 x 12.5),
DIN 3123/ISO 3316, HPQ® high performance steel.



Code	L mm	d mm	△ g	
12 03 00 03	31	17.2	36	5

409M/432M/514M/3 Set adaptors, 3 pieces

1/4" socket x 3/8" plug,
3/8" socket x 1/2" plug,
1/2" socket x 3/4" plug.



Code	△ g	
96 12 10 02	120	1

432M Adaptor

3/8" socket x 1/2" plug
(10 x 12.5).



Code	L mm	∅ mm	△ g	
12 03 00 10	16	32	22	1

442 Bit holder

○ 1/4" inside hexagon, DIN 3126/ISO 1173 D 6.3.
Internal hex drive with a collar-thrust spring.
Bits are easy to insert, lock securely in position and
can be removed just as easily; even hex bits with
a wide groove (Type E, DIN 3126/ISO 1173).



Code	L mm	d mm	△ g	
12 18 00 26	32	16.5	30	5

443 Bit holder

○ 5/16" inside hexagon, DIN 3126/ISO 1173 D 8.
Internal hex drive with a collar-thrust spring.
Bits are easy to insert, lock securely in position and
can be removed just as easily; even hex bits with
a wide groove (Type E, DIN 3126/ISO 1173).



Code	L mm	d mm	△ g	
12 18 00 30	32	16.5	39	5

10
3/8"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

10
3/8"

DIN
3120

ISO
1174-1

45/11/4 Socket set 3/8" ☐

in sturdy, stackable ABS plastic case,
15 pieces

Content:

- 11 sockets with bi-hexagon No 45:
sizes 8; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19 mm
- 1 ratchet No 435
- 2 extensions
No 427/3 (76 mm),
No 427/10 (240 mm)
- 1 universal joint No 428



Code	ΔΔ g
96 02 11 09	1434

456/11/4 Socket set 3/8" ☐

in sturdy, stackable ABS plastic case,
15 pieces

Content:

- 11 sockets with hexagon No 456:
sizes 8; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19 mm
- 1 ratchet No 435
- 2 extensions
No 427/3 (76 mm),
No 427/10 (240 mm)
- 1 universal joint No 428



Code	ΔΔ g
96 02 21 33	1454

45/14/5i Socket set 3/8" ☐

in sturdy, stackable ABS plastic case,
19 pieces

Content:

- 14 sockets with bi-hexagon No 45:
sizes 8; 9; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19; 21; 22 mm
- 1 ratchet No 435
- 2 extensions
No 427/3 (76 mm),
No 427/10 (240 mm)
- 1 T-handle No 425
- 1 universal joint No 428



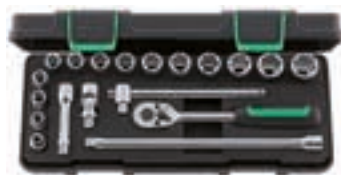
Code	ΔΔ g
96 02 41 32	1698

456/14/5i Socket set 3/8" ☐

in sturdy, stackable ABS plastic case,
19 pieces

Content:

- 14 sockets with hexagon No 456:
sizes 8; 9; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19; 21; 22 mm
- 1 ratchet No 435
- 2 extensions
No 427/3 (76 mm),
No 427/10 (240 mm)
- 1 T-handle No 425
- 1 universal joint No 428



Code	ΔΔ g
96 02 31 32	1704

45/14/5iQR Socket set 3/8" ☐

QR

in sturdy, stackable ABS plastic case,
19 pieces

Content:

- 14 sockets with bi-hexagon No 45:
sizes 8; 9; 10; 11; 12; 13; 14;
15; 16; 17; 18; 19; 21; 22 mm
- 1 ratchet No 435QR N
- 2 extensions No 427QR/3 (76 mm), No 427QR/10 (240 mm)
- 1 T-handle No 425QR
- 1 universal joint No 428QR



Code	ΔΔ g
96 02 11 80	1856

45/13/5 Socket set 3/8" ☐

in sturdy, stackable ABS plastic case,
18 pieces

Content:

- 12 sockets with bi-hexagon No 45:
sizes 8; 9; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19 mm
- 1 socket with bi-hexagon, long,
with rubber insert,
No 4600: size 16 mm - 5/8"
- 1 ratchet No 435
- 2 extensions No 427/3 (76 mm), No 427/10 (240 mm)
- 1 T-handle No 425
- 1 universal joint No 428



Code	ΔΔ g
96 02 12 34	1771

456/13/5 Socket set 3/8" ☐

in sturdy, stackable ABS plastic case,
18 pieces

Content:

- 12 sockets with hexagon No 456:
sizes 8; 9; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19 mm
- 1 socket with bi-hexagon, long,
with rubber insert, No 4600:
size 16 mm - 5/8"
- 1 ratchet No 435
- 2 extensions No 427/3 (76 mm), No 427/10 (240 mm)
- 1 T-handle No 425
- 1 universal joint No 428



Code	ΔΔ g
96 02 12 02	1802



45/49/19/5 Socket set $\frac{3}{8}$ "

in sturdy, stackable ABS plastic case,
24 pieces

Content:

- 11 sockets with bi-hexagon No 45:
sizes 8; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19 mm
- 1 socket with bi-hexagon, long,
with rubber insert No 4600:
size 16 mm - $\frac{5}{8}$ "
- 7 INHEX sockets No 49: sizes 3; 4; 5; 6; 7; 8; 10 mm
- 1 ratchet No 435
- 2 extensions No 427/3 (76 mm), No 427/10 (240 mm)
- 1 T-handle No 425
- 1 universal joint No 428



Code	$\frac{3}{8}$ g
9602 1223	2633

456/49/19/5 Socket set $\frac{3}{8}$ "

in sturdy, stackable ABS plastic case,
24 pieces

Content:

- 11 sockets with hexagon No 456:
sizes 8; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19 mm
- 1 socket with bi-hexagon, long,
with rubber insert No 4600:
size 16 mm - $\frac{5}{8}$ "
- 7 INHEX sockets No 49: sizes 3; 4; 5; 6; 7; 8; 10 mm
- 1 ratchet No 435
- 2 extensions No 427/3 (76 mm), No 427/10 (240 mm)
- 1 T-handle No 425
- 1 universal joint No 428



Code	$\frac{3}{8}$ g
9602 1236	2707

40/45/36/12 Socket set $\frac{1}{4}$; $\frac{3}{8}$ "

in sturdy, stackable ABS plastic case,
48 pieces

Content:

- 8 sockets with hexagon No 40:
sizes 4; 4.5; 5; 5.5; 6; 7; 8; 9 mm
- 12 sockets with bi-hexagon No 45:
sizes 10; 11; 12; 13; 14; 15; 16;
17; 18; 19; 21; 22 mm
- 1 socket with bi-hexagon, long,
with rubber insert No 4600:
size 16 mm - $\frac{5}{8}$ "
- 3 bits $\oplus$ 1221: size 1; 1222: size 2; 1223: size 3
- 1 bit $\oplus$ PZ1222: size 2
- 6 bits $\ominus$ 1160: 0.5 x 3 mm; 1162: 0.6 x 3.5 mm; 1164: 0.8 x 4 mm;
1166: 1.0 x 5.5 mm; 1166/1: 1.2 x 6.5 mm; 1168: 1.6 x 8 mm
- 5 bits $\bullet$ 1300: 3 mm; 1301: 4 mm; 1302: 5 mm; 1303: 6 mm;
1304: 8 mm
- 2 ratchets No 415, No 435
- 3 extensions No 427/3 (76 mm), No 405/6 (150 mm),
No 427/10 (240 mm)
- 2 universal joints No 407, No 428
- 1 drive handle No 400
- 1 T-handle No 425
- 2 bit-holder No 412, No 442
- 1 adaptor No 431



Code	$\frac{3}{8}$ g
9601 2047	2963

89 Socket set $\frac{3}{8}$ "

in sturdy, stackable ABS plastic case,
44 pieces

Content:

- 15 sockets with bi-hexagon No 45:
sizes 7; 8; 9; 10; 11; 12; 13; 14;
15; 16; 17; 18; 19; 21; 22 mm
- 2 sockets with bi-hexagon, long,
with rubber insert,
No 4600: size 16 mm - $\frac{5}{8}$ ",
No 46: size 20.8 mm - $\frac{13}{16}$ "
- 7 INHEX sockets No 49:
sizes 3; 4; 5; 6; 7; 8; 10 mm
- 15 combination spanners No 13:
sizes 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22 mm
- 1 ratchet No 435
- 2 extensions No 427/3 (76 mm), No 427/10 (240 mm)
- 1 T-handle No 425
- 1 universal joint No 428



Code	$\frac{3}{8}$ g
9602 3128	5019

45/41/9 Socket set $\frac{3}{8}$ "

in sturdy sheet steel case,
50 pieces

Content:

- 11 sockets with bi-hexagon No 45:
sizes 8; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19 mm
- 9 sockets with bi-hexagon, long,
No 46: sizes 10; 11; 12; 13; 14;
15; 17; 18; 19 mm
- 2 sockets with bi-hexagon, long, with rubber insert
No 4600: size 16 mm - $\frac{5}{8}$ "; No 46: size 20.8 mm - $\frac{13}{16}$ "
- 10 UNIFLEX sockets with bi-hexagon No 47:
sizes 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
- 5 INHEX sockets No 49: size 4; 5; 6; 8; 10 mm
- 4 bits $\oplus$ 1231: size 1; 1232: size 2; 1233: size 3; 1234: size 4
- 1 ratchet No 435
- 2 extensions No 427/3 (76 mm), No 427/10 (240 mm)
- 1 flexible handle No 424
- 1 T-handle No 425
- 1 universal joint No 428
- 1 flexible extension No 434
- 1 bit-holder No 443



Code	$\frac{3}{8}$ g
9602 0108	6521

45ma/28/5 Socket set $\frac{3}{8}$ "

in sturdy, stackable ABS plastic case,
33 pieces

Content:

- 28 sockets with bi-hexagon
No 45: sizes 7; 8; 9; 10; 11; 12;
13; 14; 15; 16; 17; 18;
19; 20; 21; 22 mm
- No 45a: sizes $\frac{1}{4}$; $\frac{5}{16}$; $\frac{11}{32}$; $\frac{3}{8}$;
 $\frac{7}{16}$; $\frac{1}{2}$; $\frac{9}{16}$; $\frac{5}{8}$; $\frac{11}{16}$; $\frac{3}{4}$;
 $\frac{13}{16}$; $\frac{7}{8}$ "
- 1 ratchet No 435
- 2 extensions No 427/3 (76 mm), No 427/10 (240 mm)
- 1 T-handle No 425
- 1 universal joint No 428



Code	$\frac{3}{8}$ g
9602 1122	2898

10
 $\frac{3}{8}$ "

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

10
3/8"

DIN
3120

ISO
1174-1

3

45ma/28/5QR Socket set 3/8"

NEW

QR

in sturdy, stackable ABS plastic case,
33 pieces

Content:

28 sockets with bi-hexagon

No 45: sizes 7; 8; 9; 10; 11; 12;
13; 14; 15; 16; 17; 18;
19; 20; 21; 22 mm

No 45a: sizes 1/4; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16; 5/8; 11/16; 3/4; 13/16; 7/8"

1 ratchet No 435QR N

2 extensions No 427QR/3 (76 mm), No 427QR/10 (240 mm)

1 T-handle No 425QR

1 universal joint No 428QR



Code	 g
96020107	2898

45TX/49TX/ 15/5 Socket set TORX® 3/8"

in sturdy, stackable ABS plastic case,
20 pieces

Content:

7 sockets for external TORX®

screws No 45TX:

sizes E5; E6; E7; E8; E10;
E12; E14

8 screwdriver sockets for internal

TORX® screws No 49TX:

sizes T9; T10; T15; T20; T25; T27; T30; T40

1 ratchet No 435

2 extensions No 427/5 (125 mm), No 427/10 (240 mm)

1 universal joint No 428

1 T-handle No 425



Code	 g
96023703	1963

89TX Socket set TORX® 1/4; 3/8; 1/2"

in sturdy, stackable ABS plastic case,
35 pieces

Content:

3 sockets for external TORX® screws

No 40TX: sizes E4; E5; E6

2 screwdriver sockets for internal

TORX® screws No 44KTX:

sizes T8; T9

4 sockets for external TORX® screws No 45TX:

sizes E7; E8; E10; E12

5 screwdriver sockets for internal TORX® screws No 49TX:

sizes T10; T15; T20; T25; T27

6 sockets for external TORX® screws No 50TX:

sizes E11; E14; E16; E18; E20; E24

6 screwdriver sockets for internal TORX® screws No 54TX:

sizes T30; T40; T45; T50; T55; T60

7 bits  1440: T10; 1441: T15; 1442: T20; 1443: T25; 1444: T27;

1445: T30; 1446: T40

1 bit-holder No 442

1 TORX® controller: sizes E6; E7; E8; E10; E12; E14; E16; T10; T15; T20;
T25; T27; T30; T40; T45; T47; T50; T55; T60



Code	 g
98811908	2568

45/49/32/5TX Socket set 3/8"

in sturdy, stackable ABS plastic case,
37 pieces

Content:

11 sockets with bi-hexagon No 45:

sizes 8; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19 mm

7 sockets for external TORX®

screws No 45TX:

sizes E5; E6; E7; E8; E10; E12; E14

6 INHEX sockets No 49: sizes 4; 5; 6; 7; 8; 10 mm

8 screwdriver sockets for internal TORX® screws No 49TX:

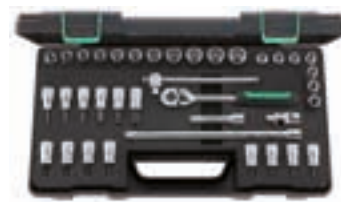
sizes T9; T10; T15; T20; T25; T27; T30; T40

1 ratchet No 435

2 extensions No 427/3 (76 mm), No 427/10 (240 mm)

1 T-handle No 425

1 universal joint No 428



Code	 g
96022119	3078

45a/12/5 Socket set 3/8"

in sturdy, stackable ABS plastic case,
17 pieces

Content:

11 sockets with bi-hexagon No 45a:

sizes 1/4; 5/16; 11/32; 3/8; 7/16; 1/2;
9/16; 5/8; 11/16; 3/4; 13/16"

1 socket with bi-hexagon, long,

with rubber insert No 4600:

size 16 mm - 5/8",

1 ratchet No 435

2 extensions No 427/3 (76 mm), No 427/10 (240 mm)

1 T-handle No 425

1 universal joint No 428



Code	 g
96025204	1746

45a/33/13 Socket set 3/8"

in sturdy sheet steel case,
46 pieces

Content:

10 sockets with bi-hexagon No 45a:

sizes 1/4; 5/16; 11/32; 3/8; 7/16; 1/2;
9/16; 5/8; 11/16; 3/4"

2 sockets with bi-hexagon, long,

with rubber insert,

No 4600: size 16 mm - 5/8",

No 46: size 20.8 mm - 13/16"

7 sockets with bi-hexagon, long,

No 46a: sizes 3/8; 7/16; 1/2; 9/16; 11/16; 3/4; 7/8"

7 UNIFLEX sockets with bi-hexagon No 47a:

sizes 3/8; 7/16; 1/2; 9/16; 5/8; 11/16; 3/4"

3 INHEX sockets No 49a: sizes 1/8; 5/32; 3/16"

4 bits  1231: size 1; 1232: size 2; 1233: size 3; 1234: size 4

2 ratchets No 415, No 435

1 ratchet adaptor No 445

3 extensions No 427/3 (76 mm), No 427/6 (160 mm),

No 427/10 (240 mm)

1 flexible extension No 434 (194 mm)

1 adaptor No 409

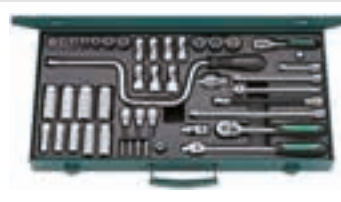
1 speeder brace No 421

1 flexible handle No 424

1 T-handle No 425

1 universal joint No 428

1 bit-holder No 443



Code	 g
96024113	6540

45a/14/8QR Socket set $\frac{3}{8}$ " □

QR

in sturdy, stackable ABS plastic case,
22 pieces

Content:

- 14 sockets with bi-hexagon No 45a:
sizes $\frac{1}{4}$; $\frac{5}{16}$; $\frac{11}{32}$; $\frac{3}{8}$; $\frac{7}{16}$; $\frac{1}{2}$;
 $\frac{9}{16}$; $\frac{5}{8}$; $\frac{11}{16}$; $\frac{3}{4}$; $\frac{13}{16}$; $\frac{7}{8}$; $\frac{15}{16}$; 1"
- 1 ratchet No 435SG-QR
- 3 extensions No 427/3QR (76 mm),
No 427/6QR (160 mm),
No 427/10QR (240 mm)
- 1 universal joint No 428QR
- 2 bit-holders No 442, No 443
- 1 speeder brace No 453



Code	ΔΔ g
9602 5206	3507

45a/22/8QR Socket set $\frac{3}{8}$ " □

QR

in sturdy, stackable ABS plastic case,
30 pieces

Content:

- 14 sockets with bi-hexagon No 45a:
sizes $\frac{1}{4}$; $\frac{5}{16}$; $\frac{11}{32}$; $\frac{3}{8}$; $\frac{7}{16}$; $\frac{1}{2}$;
 $\frac{9}{16}$; $\frac{5}{8}$; $\frac{11}{16}$; $\frac{3}{4}$; $\frac{13}{16}$; $\frac{7}{8}$; $\frac{15}{16}$; 1"
- 8 UNIFLEX sockets with bi-hexagon No 47a: sizes $\frac{5}{16}$; $\frac{3}{8}$; $\frac{7}{16}$; $\frac{1}{2}$; $\frac{9}{16}$;
 $\frac{5}{8}$; $\frac{11}{16}$; $\frac{3}{4}$ "
- 1 ratchet No 435SG-QR
- 3 extensions No 427/3QR (76 mm), No 427/6QR (160 mm),
No 427/10QR (240 mm)
- 1 universal joint No 428QR
- 2 bit-holders No 442, No 443
- 1 speeder brace No 453



Code	ΔΔ g
9602 5207	3970

ES 456/16/6



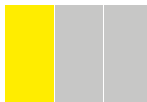
175 x 350 x 40 mm, 22 pieces

Code	ΔΔ g
9683 81 11	1555

	No 456	$\frac{3}{8}$ " ○ sizes 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm
	No 425	$\frac{3}{8}$ " ■ 165 mm
	No 427/3	$\frac{3}{8}$ " ■ ○ 76 mm
	No 427/6	$\frac{3}{8}$ " ■ ○ 160 mm
	No 427/10	$\frac{3}{8}$ " ■ ○ 240 mm
	No 428	$\frac{3}{8}$ " ■ ○ 46 mm
	No 435	$\frac{3}{8}$ " ■

8381 2032	Empty tray	103
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TCS 456/16/6



TCS



175 x 350 x 45 mm, 22 pieces

Code	ΔΔ g
9683 87 52	1465

	No 456	$\frac{3}{8}$ " ○ sizes 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm
	No 425	$\frac{3}{8}$ " ■ 165 mm
	No 427/3	$\frac{3}{8}$ " ■ ○ 76 mm
	No 427/6	$\frac{3}{8}$ " ■ ○ 160 mm
	No 427/10	$\frac{3}{8}$ " ■ ○ 240 mm
	No 428	$\frac{3}{8}$ " ■ ○ 46 mm
	No 435	$\frac{3}{8}$ " ■

TCS 456/16/7



TCS



175 x 350 x 40 mm, 23 pieces

Code	ΔΔ g
9683 02 18	1400

	No 456	$\frac{3}{8}$ " ○ sizes 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm
	No 427/3	$\frac{3}{8}$ " ■ ○ 76 mm
	No 427/5	$\frac{3}{8}$ " ■ ○ 125 mm
	No 427/10	$\frac{3}{8}$ " ■ ○ 240 mm
	No 428	$\frac{3}{8}$ " ■ ○ 46 mm
	No 431	$\frac{1}{4}$ " ■ $\frac{3}{8}$ " ○
	No 432	$\frac{1}{2}$ " ■ $\frac{3}{8}$ " ○
	No 435	$\frac{3}{8}$ " ■

TCS 456/16/4 MF



TCS



175 x 350 x 45 mm, 20 pieces

Code	ΔΔ g
9683 03 57	1123

	No 456	$\frac{3}{8}$ " ○ sizes 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm
	No 427/5	$\frac{3}{8}$ " ■ ○ 125 mm
	No 427/10	$\frac{3}{8}$ " ■ ○ 240 mm
	No 428	$\frac{3}{8}$ " ■ ○ 46 mm
	No 435	$\frac{3}{8}$ " ■

10
 $\frac{3}{8}$ "

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

10

3/8"

DIN

3120

ISO

1174-1

TCS 456/31/8



350 x 350 x 32 mm, 39 pieces

Code	ΔΔ g	
96 83 06 02	2701	
 No 456	3/8" ♂ sizes 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm	
 No 46	3/8" ♂ sizes 10; 11; 12; 13 mm	
 No 47	3/8" ♂ sizes 10; 11; 12; 13; 14; 15; 16 mm	
 No 1049	3/8" ♂ size 9 mm	
 No 49X	3/8" ♂ sizes M6; M8; M10	
 No 427/3	3/8" ■ ♂ 76 mm	
 No 427/5	3/8" ■ ♂ 125 mm	
 No 427/10	3/8" ■ ♂ 240 mm	
 No 428	3/8" ■ ♂ 46 mm	
 No 431	1/4" ■ 3/8" ♂	
 No 432	1/2" ■ 3/8" ♂	
 No 435	3/8" ■	
 No 452	3/8" ■	

TCS 49/1049/2049/45TX/49TX



175 x 350 x 40 mm, 24 pieces

Code	ΔΔ g	
96 83 87 72	1188	
 No 49	3/8" ♂ sizes 4; 5; 6; 7; 8; 10 mm	
 No 1049	3/8" ♂ size 7 mm	
 No 2049	3/8" ♂ sizes 4; 5; 6; 8; 10 mm	
 No 45TX	3/8" ♂ sizes E5; E6; E7; E8; E10; E12	
 No 49TX	3/8" ♂ sizes T10; T15; T20; T25; T30; T40	

STAHLWILLE »AS-Drive«



STAHLWILLE sockets are equipped with the AS-Drive* profile: this permits high transmission of forces to the lands of nuts and bolts without damaging them. No longer will you have to worry about stripping the corners off nuts and bolts.

*Anti-Slip-Drive

STAHLWILLE HPQ® sockets



STAHLWILLE HPQ** sockets are manufactured from selected tough steel alloys. The result: they are extremely durable. HPQ® sockets are free of cadmium and are there fore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor.

*High Performance Quality

Tool Control System

The safety inlay system

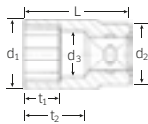
- Designed to fit our Tool Trolleys and Tool Boxes
- With yellow signal cut-outs to show whether all tools are in their places



50 Sockets



metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3709, ASME B 107.5 M,
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641,
SAE AS 954-E (test loads), HPQ® high performance steel, chrome plated.



Code	mm	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	Δg g	
03010008	8	13	22	7	38	9	22	56	10
03010009	9	13.7	22	8	38	9	22	57	10
03010010	10	14.5	22	9	38	9	22	57	10
03010011	11	15.8	22	10	38	9.5	22	52	10
03010012	12	17	22	11	38	13	22	58	10
03010013	13	18.3	22	12	38	13	22	60	10
03010014	14	19.9	22.7	13	38	13	20.5	60	10
03010015	15	21.2	22.7	14	38	13.5	20.2	62	10
03010016	16	22.4	23.7	15	38	13.5	19.6	63	10
03010017	17	24	23.7	15.2	38	15	19.6	66	10
03010018	18	24.7	23.7	17	38	15.5	19.1	71	10
03010019	19	26.2	25	18	38	16	21.7	78	10
03010020	20	27.2	25	19	42	15	25.5	89	10
03010021	21	28.7	26	20	42	16	25.2	104	10
03010022	22	29.7	26	21	42	16.5	24.9	113	10
03010023	23	30.7	26	20	42	18	25.4	114	5
03010024	24	32	26	21	42	18.5	24.9	117	5
03010025	25	33.2	25	22	42	18.5	24.6	119	5
03010026	26	34.4	25	23	42	18.5	24.3	122	5
03010027	27	36.2	26	24	45	19.5	27	150	5
03010028	28	37.4	27	25	45	19.5	26.7	158	5
03010030	30	39.7	28	27	45	20.5	26.1	171	5
03010031	31	42.2	28	28	47	22	27.9	215	5
03010032	32	42.2	28	29	47	22	27.6	189	5
03010034	34	45	28	31	47	22	27	209	5
03010036 NEW	36	48	31	34	52	24	30.9	291	5

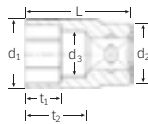
50a Sockets

Code	"	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	Δg g	
03410024	3/8	14.3	22	8.3	38	9	22	57	10
03410028	7/16	16.3	22	9.9	38	9	22	59	10
03410032	1/2	18.3	22	11.5	38	13	22	59	10
03410034	9/16	20.3	22.7	13.1	38	13	20.2	62	10
03410035	19/32	21.3	22.7	13.5	38	13.5	20.1	61	10
03410036	5/8	22.4	23.7	15	38	13.5	19.6	62	10
03410038	11/16	24.2	23.7	16.5	38	15.5	19.2	68	10
03410040	3/4	26.2	25	18	38	16	21.7	78	10
03410041	25/32	27	25	18.6	41	16	24.6	90	5
03410042	13/16	28.2	25	19.4	41	16.5	24.3	95	5
03410044	7/8	29.7	26	21	42	18	24.9	111	5
03410046	15/16	32	26	22.6	42	18.5	24.4	121	5
03410048	1	33.7	27	24.2	42	18.5	24	135	5
03410050	1 1/16	36.2	26	25.8	45	19.5	26.5	155	5
03410052	1 1/8	38.1	28	27.4	45	20	26	167	5
03410054	1 3/16	39	28	28	45	20.5	25.9	178	5
03410056	1 1/4	40	28	30.5	45	21	25.1	196	5
03410058	1 5/16	41.8	28	32.1	47	22	26.7	170	5
03410060	1 3/8	46	28	33.7	50	23	29.2	232	5
03410062	1 7/16	49.4	31	34	54	26	33.1	320	5
03410064	1 1/2	51	31	35	54	26	32.8	330	5

52 Sockets



DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3709 (test loads),
HPQ® high performance steel, chrome plated.



Code	mm	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	Δg g	
03030008	8	13	22	7	38	9	22	56	10
03030009	9	13.7	22	8	38	9	22	56	10
03030010	10	14.5	22	9	38	9	22	60	10
03030011	11	15.8	22	10	38	9.5	22	58	10
03030012	12	17	22	11	38	13	22	52	10
03030013	13	18.3	22	12	38	13	22	51	10
03030014	14	19.9	22.7	13	38	13	20.5	59	10
03030015	15	21.2	22.7	14	38	13.5	20.2	63	10
03030016	16	22.4	23.7	15	38	13.5	19.6	65	10
03030017	17	24	23.7	15.2	38	15	19.6	70	10
03030018	18	24.7	23.7	17	38	15.5	19.1	73	10
03030019	19	26.2	25	18	38	16	21.7	80	10
03030020	20	27.2	25	19	42	15	25.5	95	10
03030021	21	28.7	26	20	42	16	25.2	110	10
03030022	22	29.7	26	21	42	16.5	24.9	115	10
03030023	23	30.7	26	20	42	18	25.4	119	5
03030024	24	32	26	21	42	18.5	24.9	125	5
03030025	25	33.2	26	22	42	18.5	24.6	128	5
03030026	26	34.4	25	23	42	18.5	24.3	132	5
03030027	27	36.2	26	24	45	19.5	27	161	5
03030028	28	37.4	27	25	45	19.5	26.7	166	5
03030030	30	39.7	28	27	45	20.5	26.1	186	5
03030032	32	42.2	28	29	47	22	27.6	200	5
03030034	34	45	28	31	47	22	27	235	5
03030036 NEW	36	48	31	34	52	24	30.9	305	5

ES 52/17



175 x 350 x 47 mm, 17 pieces

Code	Δg g
96838112	1760
No 52	
1/2" sizes 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm	
83812030	Empty tray 107

12.5
1/2"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

12.5
1/2"

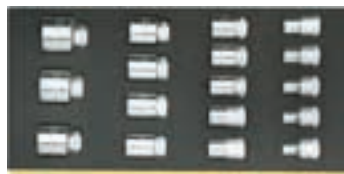
DIN
3120

ISO
1174-1

TCS 52/17



TCS



175 x 350 x 40 mm, 17 pieces

Code	$\Delta\Delta$ g
96838177	1605

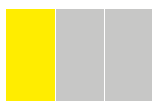


No 52

1/2" $\bigcirc$ sizes 10; 11; 12; 13; 14; 15; 16;
17; 18; 19; 20; 21; 22; 24; 27; 30;
32 mm

3

TCS 52/18 MF



TCS



175 x 350 x 55 mm, 18 pieces

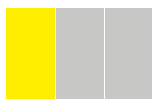
Code	$\Delta\Delta$ g
96830359	1850



No 52

1/2" $\bigcirc$ sizes 10; 11; 12; 13; 14; 15; 16;
17; 18; 19; 20; 21; 22; 24; 27; 30; 32;
34 mm

TCS 50/51/52/32



TCS



175 x 350 x 50 mm, 32 pieces

Code	$\Delta\Delta$ g
96838191	2950



No 50

1/2" $\bigcirc$ sizes 8; 9; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19; 30 mm



No 52

1/2" $\bigcirc$ sizes 10; 11; 12; 13; 14; 15; 16;
17; 18; 19; 20; 21; 22; 24; 27; 30;
32 mm



No 51

1/2" $\bigcirc$ sizes 22; 27 mm

TCS 50a/17



TCS



175 x 350 x 40 mm, 17 pieces

Code	$\Delta\Delta$ g
96838780	1600



No 50a

1/2" $\bigcirc$ sizes 3/8; 7/16; 1/2; 9/16; 19/32; 5/8;
11/16; 3/4; 25/32; 13/16; 7/8; 15/16; 1; 1 1/16;
1 1/8; 1 3/16; 1 1/4"

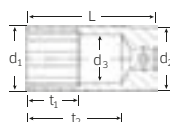
51

Sockets

AS
DRIVE

HPQ

extra deep, metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3710,
E DIN EN 3709, ASME B 107.5M, American sizes: ASME B 107.1,
Fed. Spec. GGG-W-641, SAE AS 954-E, HPQ® high performance steel,
chrome plated.



Code	$\bigcirc$ mm/"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	$\Delta\Delta$ g	
03020010	10	14.5	22	9	83	19	67	90	10
03020013	13	18.3	22	12	83	35	67	122	10
03020014	14	19.9	22.7	13	83	35	65.2	129	10
03020015	15	21.2	22.7	14	83	35	64.9	132	10
03020016	16	22.4	23.7	15	83	35	64.6	145	10
03020216	16-5/8¹⁾	22.4	23.7	15.4	83	19	64.5	137	10
03020017	17	24	23.7	16	83	35	64.3	132	10
03020018	18	24.7	23.7	17	83	35	64.1	170	10
03020019	19	26.2	25	18	83	35	66.7	186	10
03020208	20.8-13/16¹⁾	27.7	26	20	83	22	66.2	194	10
03020021	21	28.7	26.5	20	83	35	66.2	231	10
03020022	22	29.7	27.5	21	83	35	65.5	200	10
03020024	24	32	30	21	83	35	66.1	280	5
03020026	26	34.4	32.5	23	83	35	65.3	334	5
03020027	27²⁾	36.2	34	27	83	20	60	294	5
03020030	30²⁾	39.7	37.5	30.2	83	35	65	341	5
03020032	32	42.4	40	29	83	35	63.9	461	5

¹⁾ with rubber insert for spark plugs

²⁾ for diesel injector (Audi, Daihatsu, Ford, Mazda, Mercedes, Mitsubishi,
Nissan, Opel, Peugeot, Toyota, VW, Volvo)

51a

Sockets

Code	$\bigcirc$ "	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	$\Delta\Delta$ g	
03420024	3/8	14.3	22	8.3	83	19	67	93	5
03420028	7/16	16.3	22	9.9	83	19	67	102	5
03420032	1/2	18.3	22	11.5	83	35	67	122	5
03420034	9/16	20.3	22.7	13.1	83	35	65.2	131	5
03420036	5/8	22.4	23.7	15	83	35	64.6	145	5
03420038	11/16	24.2	23.7	16.5	83	35	64.2	158	5
03420040	3/4	26.2	25	18	83	35	66.7	188	5
03420042	13/16	27.7	26	19.5	83	35	66.3	170	5
03420044	7/8	29.7	27.5	21	83	35	65.9	200	5
03420046	15/16	32	30	22.6	83	35	65.7	281	5
03420048	1	33.7	32	24.2	83	35	65	260	5
03420050	1 1/16	36.2	34	25.8	83	35	64.5	359	5
03420052	1 1/8	38.1	36	27.4	83	35	64	300	5
03420054	1 3/16	39	37	28	83	35	63.9	377	5
03420056	1 1/4	40	38	30.5	83	35	63.1	433	5
03420058	1 5/16	41.8	40	32.1	83	35	62.7	479	5
03420060	1 3/8	46	44	33.7	83	35	62.2	506	5
03420062	1 7/16	49.4	47	34	83	35	62.1	635	5
03420064	1 1/2	51	49	35	83	35	61.8	675	5

5100

Rubber insert

for size 20.8 mm (No 51; 51S; 46).

Code	$\Delta\Delta$ g	
09010001	6	5

51/8 Set: Sockets



long.
Content:
13; 17; 19; 22; 24; 27; 30; 32 mm



Code	g	
96 03 02 12	2780	1
in softcase with foam inlay		

TCS 51/11



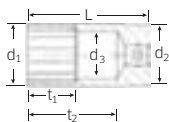
175 x 350 x 50 mm, 11 pieces

Code	g
96 83 87 76	2345
No 51	sizes 10; 13; 15; 17; 18; 19; 22; 24; 27; 30; 32 mm

51S Sockets



extra deep, DIN 3124/ISO 2725-1, E DIN EN 3710,
E DIN EN 3709 (test loads), HPQ® high performance steel, chrome plated.



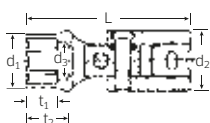
Code	mm/"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
03 24 00 17	17	24	23.7	16	83	35	64.3	157	10
03 24 00 19	19	26.2	25	18	83	35	66.7	190	10
03 24 02 08	20.8-13/16¹⁾	27.7	26	20	83	22	66.2	196	10
03 24 00 22	22	29.7	27.5	21	83	35	65.9	246	10

¹⁾ with rubber insert for spark plugs and for tightening and untightening wheel nuts on Japanese cars

53 UNIFLEX sockets



Chrome Alloy Steel, chrome plated.

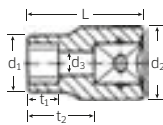


Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
03 04 00 10	10	14.7	25	9	70	12	20	136	1
03 04 00 13	13	18.4	25	12	70	12	20	140	1
03 04 00 16	16	22.4	25	15	69	13	17	141	1
03 04 00 17	17	23.5	25	16	70	13	18	141	1
03 04 00 18	18	25	25	17	70	12	18	145	1
03 04 00 19	19	26.3	25	18	70	12	17.5	148	1

50TX Sockets



for external TORX® screws, HPQ® high performance steel, chrome plated.



Code	size	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
03 27 00 10	E10	9.4	13	22	5.6	38	9.5	22	53	10
03 27 00 11	E11	10.1	14	22	6	38	9.5	22	50	10
03 27 00 12	E12	11.1	14.9	22	7.2	38	9.5	22	55	10
03 27 00 14	E14	12.9	16.7	22	8	38	11	22	56	10
03 27 00 16	E16	14.7	19	22	9.3	38	12.5	22	60	10
03 27 00 18	E18	16.6	21	26.5	10.4	38	13.5	22	92	10
03 27 00 20	E20	18.4	23.5	26.5	12	38	15	22	98	10
03 27 00 24	E24	22.1	27.8	26	14.1	41.2	17.5	23.6	123	10

50TX/7 Set: Sockets



for external TORX® screws.
Content: E10; E12; E14; E16; E18; E20; E24



Code	g	
96 03 27 03	623	1
packed in carton		

50TX/8 Set: Sockets



for external TORX® screws.
Content:
E10; E11; E12; E14; E16; E18; E20; E24



Code	g	
96 03 37 04	1052	1
in sturdy, stackable ABS plastic case		

12.5
1/2"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

12.5
1/2"

DIN
3120

ISO
1174-1

TCS 50TX/54TX/17



175 x 350 x 40 mm, 17 pieces

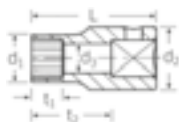
Code		g
96 83 87 63		1382
 No 50TX	1/2"  sizes E10; E11; E12; E14; E16; E18; E20; E24	
 No 54TX	1/2"  sizes T20; T25; T27; T30; T40; T45; T50; T55; T60	

50aPSP

Sockets spline-drive



MS-33787, HPQ® high performance steel, gunmetal finish.



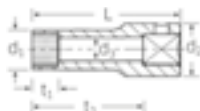
Code	Spline size		d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
03 01 20 24	12	3/8	15.5	22	8.6	38	9.5	22	55	5
03 01 20 28	14	7/16	18	23.7	10.4	38	11	22	65	5
03 01 20 34	18	9/16	22	23.7	13.5	38	12	20	71	5

50aPLSP

Socket spline-drive



extra deep bolt clearance, MS-33787, HPQ® high performance steel, gunmetal finish.



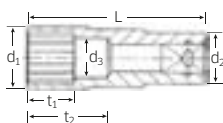
Code	Spline size		d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
03 01 30 28	14	7/16	18	23.7	10.4	50	11	34	83	5

51aP

Socket



extra deep bolt clearance, HPQ® high performance steel, gunmetal finish. For the brakes on A320/A321.

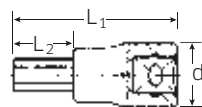


Code		d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
03 42 10 41	25/32	28	23	17.9	80	21	36	182	1

54

INHEX sockets

for hexagon socket head screws, DIN 7422, Chrome Alloy Steel, chrome plated.



		L ₁	L ₂	d		
Code	mm	mm	mm	mm	g	
03 05 00 04	4	60	22	22.7	68	5
03 05 00 05	5	60	22	22.7	68	5
03 05 00 06	6	60	22	22.7	71	5
03 05 00 07	7	60	22	22.7	75	5
03 05 00 08	8	60	22	22.7	79	5
03 05 00 10	10	60	22	22.7	97	5
03 05 00 12	12	60	20	23.7	122	5
03 05 00 14	14	60	20	23.7	135	5
03 05 00 17	17	60	20	27.5	186	5
03 05 00 19	19	60	20	31	242	5

54a

INHEX sockets

Code	 "	L ₁ mm	L ₂ mm	d mm	 g	
03 45 00 14	7/32	60	22	22.7	70	5
03 45 00 16	1/4	60	22	22.7	75	5
03 45 00 20	5/16	60	22	22.7	81	5
03 45 00 24	3/8	60	22	22.7	97	5
03 45 00 28	7/16	60	22	22.7	103	5
03 45 00 32	1/2	60	20	23.7	125	5
03 45 00 34	9/16	60	20	23.7	137	5
03 45 00 36	5/8	60	20	27.5	169	5
03 45 00 40	3/4	60	20	31	244	2

54/10

INHEX socket set No 54

sizes 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm



Code	g
96 03 15 08	1552

in sturdy, stackable ABS plastic case

54/12

INHEX socket set

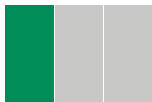
Content:
12 INHEX sockets
No 54, sizes 4, 5, 6, 7, 8, 10, 12, 14, 17, 19 mm,
No 3054/8, No 1054/10



Code	g	
96 03 15 03	1963	1

in sturdy, stackable ABS plastic case

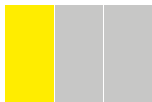
ES 54/54KK



175 x 350 x 38 mm, 14 pieces

Code			$\Delta\Delta$ g
9683 81 14			1630
 No 54	1/2" $\bigcirc$ sizes 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm		
 No 54KK	1/2" $\bigcirc$ sizes 5; 6; 8; 10 mm		
8381 20 46	Empty tray		108

TCS 54/54X/16



TCS



175 x 350 x 35 mm, 16 pieces

Code			$\Delta\Delta$ g
9683 87 62			1665
 No 54	1/2" $\bigcirc$ sizes 4; 5; 6; 7; 8; 10; 12; 14; 17 mm		
 No 54X	1/2" $\bigcirc$ sizes M5; M6; M8; M10; M12; M14; M16		

1054/2054 INHEX sockets

for hexagon socket head screws, extra long, DIN 7422, Chrome Alloy Steel, chrome plated.



Code	No	$\bigcirc$ mm	L ₁ mm	L ₂ mm	d mm	$\Delta\Delta$ g	
03 15 12 05	2054/5	5	120	82	22.7	78	5
03 15 12 06	2054/6	6	120	82	22.7	84	5
03 15 12 07	2054/7	7	120	82	22.7	96	5
03 15 12 08	1054/8K	8	120	82	22.7	104	5
03 15 14 10	1054/10	10	140	102	22.7	150	5
03 15 14 12	1054/12¹⁾	12	140	100	23.7	197	5
03 15 14 14	2054/14	14	140	100	23.7	231	5

¹⁾ For fitting radiators

1054/3054 INHEX sockets

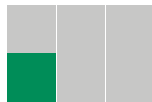
for hexagon socket head screws, special lengths, DIN 7422, Chrome Alloy Steel, chrome plated.



Code	No	$\bigcirc$ mm	L ₁ mm	L ₂ mm	d mm	$\Delta\Delta$ g	
03 15 18 05	1054/5	5	180	20	22	118	5
03 15 07 06	1054/6	6	70	32	22.7	72	5
03 15 10 06	1054/6¹⁾	6	100	62	22.7	80	5
03 15 22 06	1054/6L	6	220	182	22.7	108	5
03 15 10 07	1054/7	7	100	62	22.7	87	5
03 15 08 08	3054/8	8	80	42	22.7	88	5
03 15 14 08	1054/8	8	140	102	22.7	114	5
03 15 07 13	1054/13	13	70	25	24	130	5

¹⁾ for intake manifolds on 5-cylinder diesel engines on VW/Audi and T4 vans

ES 1054/2054



175 x 175 x 30 mm, 6 pieces

Code			$\Delta\Delta$ g
9683 81 64			900
 No 1054	1/2" $\bigcirc$ sizes 8; 10; 12 mm		
 No 2054	1/2" $\bigcirc$ sizes 5; 6; 14 mm		
8381 20 81	Empty tray		55

TCS 1054/2054/10



TCS

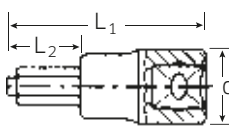


175 x 350 x 40 mm, 10 pieces

Code			$\Delta\Delta$ g
9683 87 60			1272
 No 1054	1/2" $\bigcirc$ sizes 8; 10; 12 mm		
 No 2054	1/2" $\bigcirc$ sizes 5; 6 mm		
 No 1054TX	1/2" $\bigcirc$ sizes T30; T50; T55		
 No 2054TX	1/2" $\bigcirc$ sizes T40; T45		

541C INHEX sockets

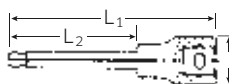
for hexagon socket head screws with guide pin, Chrome Alloy Steel, chrome plated.



Code	$\bigcirc$ mm	L ₁ mm	L ₂ mm	d mm	$\Delta\Delta$ g	
03 07 00 05	5	60	22	22.7	70	5
03 07 00 06	6	60	22	22.7	71	5
03 07 00 08	8	60	22	22.7	70	5
03 07 00 10	10	60	22	22.7	95	5
03 07 00 12	12	60	20	23.7	120	5
03 07 00 14	14	60	20	23.7	131	5

54KK INHEX sockets

with ball point hexagon, for hexagon socket head screws, swivel angle up to 25° each side, Chrome Alloy Steel, chrome plated.



Code	$\bigcirc$ mm	L ₁ mm	L ₂ mm	d mm	$\Delta\Delta$ g	
03 28 00 05	5	100	62	22.7	75	5
03 28 00 06	6	100	62	22.7	80	5
03 28 00 07	7¹⁾	100	62	22.7	85	5
03 28 00 08	8	100	62	22.7	95	5
03 28 00 10	10	100	62	22.7	120	5

¹⁾ Application: BMW brakes

12.5
1/2"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

12.5
1/2"

DIN
3120

ISO
1174-1

ES 54KK/5



175 x 175 x 30 mm, 5 pieces

Code	g
96838165	505
 No 54KK	1/2" O sizes 5; 6; 7; 8; 10 mm
83812051	Empty tray 55

1054KK INHEX sockets

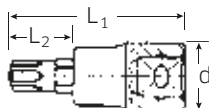
with ball point hexagon,
for hexagon socket head screws,
swivel angle up to 25° each side, special lengths,
Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	g	
03310005	5	238	200	22.7	145	5
03310008	8	238	200	22.7	154	5

54CV Screwdriver sockets

for spline socket head screws (Ribe-CV®), Chrome Alloy Steel,
chrome plated.



Code	size	L ₁ mm	L ₂ mm	d mm	g	
03090005	M5	60	22	22.7	69	5
03090006	M6	60	22	22.7	71	5
03090007	M7	60	22	22.7	78	5
03090008	M8	60	22	22.7	78	5
03090009	M9	60	22	22.7	92	5
03090010	M10	60	22	22.7	95	5
03090012	M12	60	20	23.7	119	5
03090013	M13	60	20	23.7	125	5
03090014	M14	60	20	23.7	126	5
03090016	M16	63	23	27.5	163	5

Application:

Size M7, for brakes. cylinder head screws. bodywork and motor jobs incl. valve covers and spark plug covers on Fiat vehicles

Size M8, bodywork and motor jobs incl. valve covers and spark plug covers on Fiat vehicles

Size M9, brakes, cylinder head screws (1.2 l; 8V/16V) on Fiat vehicles

Size M10, for cylinder head screws (1.2 l; 8V/16V) on Fiat vehicles

Size M12 for cylinder head screws on Fiat 2.0 l engines

Size M13, for brakes. cylinder head screws on Fiat vehicles; cylinder head screws on Alfa vehicles, e.g. 1.6 l; 16V engines

Size M14; M16, for cylinder head screws on Alfa vehicles. e.g. 1.6 l; 16V engines

54CV/9

Set: Screwdriver sockets

for spline socket head screws
(Ribe-CV®),
9 pieces,
Content: M5; M6; M7; M8; M9; M10;
M12; M13; M14

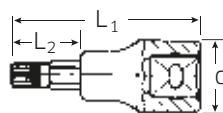


Code	g	
96031901	1317	1
in sturdy, stackable ABS plastic case		

54X

Screwdriver sockets

for trisquare socket head screws (XZN®), DIN 2324, Chrome Alloy Steel,
chrome plated.

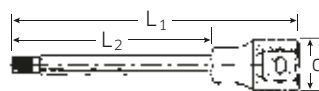


Code	size	L ₁ mm	L ₂ mm	d mm	g	
03060005	M5	60	22	22.7	67	5
03060006	M6	60	22	22.7	74	5
03060008	M8	60	22	22.7	79	5
03060010	M10	60	22	22.7	94	5
03060012	M12	60	20	23.7	120	5
03060014	M14	60	20	23.7	128	5
03060016	M16	60	20	27.5	174	5

3054X

Screwdriver sockets

for trisquare socket head screws (XZN®), DIN 2324, extra long,
Chrome Alloy Steel, chrome plated.



Code	size	L ₁ mm	L ₂ mm	d mm	g	
03261408	M8	140	102	22.7	109	5
03261410	M10	140	102	22.7	142	5
03261412	M12	140	102	22.7	160	5
03261414	M14	140	100	23.7	225	1

Application: sizes M10 and M12 for cylinder head screws on VW/Audi, Opel, Mercedes-Benz, size M14 for cylinder head screws on VM diesel engines, Chrysler

3054X/54X/8

Set: Screwdriver sockets

for trisquare socket head screws
(XZN®), 8 pieces,
Content: 3054X: M8, M10, M12
54X: M6, M8, M10, M12, M14



Code	g	
96033606	1357	1
in sturdy, stackable ABS plastic case		

1054x/2054x ● Screwdriver sockets

for trisquare socket head screws (XZN®), special lengths, DIN 2324, Chrome Alloy Steel, chrome plated.

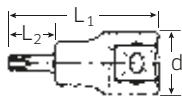


Code	No	size	L ₁ mm	L ₂ mm	d mm	Δ g	
03 16 08 08	1054x	M8	80	42	22.7	86	5
03 16 12 08	2054x	M8	120	82	22.7	104	5
03 16 11 10	2054x	M10	110	72	22.7	130	5
03 16 11 12	2054x	M12	110	70	23.7	168	5

Application: No 1054x, size M8, for jointed shafts on VW/Audi

54TX ● Screwdriver sockets

for inside TORX® screws, Chrome Alloy Steel, chrome plated.



Code	size	mm	L ₁ mm	L ₂ mm	d mm	Δ g	
03 10 00 20	T20	3.8	55	17	22.7	71	5
03 10 00 25	T25	4.4	55	17	22.7	71	5
03 10 00 27	T27	5	55	17	22.7	72	5
03 10 00 30	T30	5.5	55	17	22.7	72	5
03 10 00 40	T40	6.6	55	17	22.7	72	5
03 10 00 45	T45	7.8	55	17	22.7	74	5
03 10 00 50	T50	8.8	55	17	22.7	87	5
03 10 00 55	T55	11.2	58	18	23.7	112	5
03 10 00 60	T60	13.2	58	18	23.7	113	5
03 10 00 70	T70	15.5	60	20	27.5	155	1

Application:
size T55 for the cylinder head screws on the Opel Omega V6

54TX/9 ● Set: Screwdriver sockets

for inside TORX® screws, 9 pieces,
Content: sizes T20; T25; T27; T30; T40; T45; T50; T55; T60



Code	Δ g	
96 03 10 04	820	1

packed in carton

54TX/10 ● Socket set TORX®

for inside TORX® screws,
10 pieces,
Content:
sizes T20; T25; T27; T30; T40 (2x);
T45; T50; T55; T60



Code	Δ g
96 03 20 05	1197

in sturdy, stackable ABS plastic case

54TX/59TX/12/1 ● Socket set TORX®

for inside TORX® screws,
13 pieces,
Content:

9 screwdriver sockets for internal
TORX® screws No 54TX:
sizes T20; T25; T27; T30; T40;
T45; T50; T55; T60

3 screwdriver sockets for internal
TORX® screws No 59TX:
sizes T70; T80; T90

1 adaptor No 514, 1/2" socket x 3/4" plug (12.5 x 20)



Code	Δ g
96 03 20 06	2595

in sturdy, stackable ABS plastic case

ES 54X/54TX



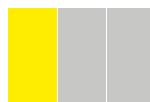
175 x 350 x 38 mm, 16 pieces

Code	Δ g
96 83 81 15	1600

	No 54X	1/2" ● sizes M5; M6; M8; M10; M12; M14; M16
	No 54TX	1/2" ● sizes T20; T25; T27; T30; T40; T45; T50; T55; T60

83 81 20 45	Empty tray	111
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TCS 54/54TX/18



TCS



175 x 350 x 40 mm, 18 pieces

Code	Δ g
96 83 87 82	1665

	No 54	1/2" ● sizes 4; 5; 6; 7; 8; 10; 12; 14; 17 mm
	No 54TX	1/2" ● sizes T20; T25; T27; T30; T40; T45; T50; T55; T60

Made in Germany

12.5
1/2"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

12.5
1/2"

DIN
3120

ISO
1174-1

1054TX/ 2054TX

Screwdriver sockets

for inside TORX® screws, extra long,
Chrome Alloy Steel, chrome plated.



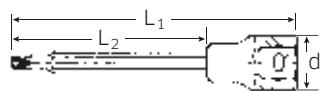
Code	No	size	mm	L ₁ mm	L ₂ mm	d mm	△ g	
03 13 12 30	1054TX	T30	5.5	120	82	22.7	99	5
03 13 14 40	2054TX	T40	6.6	140	102	22.7	110	5
03 13 14 45	2054TX	T45	7.8	140	102	22.7	111	5
03 13 14 50	1054TX	T50	8.8	140	102	22.7	143	5
03 13 14 55	1054TX	T55	11.2	140	102	22.7	159	5
03 13 14 60	1054TX	T60	13.2	140	100	23.7	221	5

Application: size T55 for the cylinder head screws on various Ford models,
e.g. Mondeo 16V

1054TX

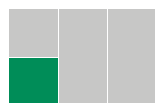
Screwdriver sockets

for inside TORX® screws, extra long, Chrome Alloy Steel, chrome plated.



Code	size	mm	L ₁ mm	L ₂ mm	d mm	△ g	
03 13 12 40	T40	6.6	120	82	22.7	100	5
03 13 12 45	T45	7.8	120	82	22.7	100	5
03 13 10 70	T70	15.5	107	67	23.7	201	5

ES 1054/2054TX/6



175 x 175 x 30 mm, 6 pieces

Code	△ g
96 83 81 63	950
 No 1054TX No 2054TX	1/2" ○ size T30; T50; T55; T60 1/2" ○ size T40; T45
83 81 20 81	Empty tray 55

1054TX/4T

Set: Screwdriver sockets

for inside TORX® screws,
in textile bag, 4 pieces,
Content:
T40; T45; T50; T55

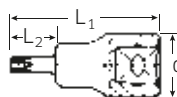


Code	△ g	
96 03 13 01	527	1

54TXB

Screwdriver sockets

for inside TORX® screws, tamper proof, with hollow point,
Chrome Alloy Steel, chrome plated (TORX® TAMPER RESISTANT).



Code	size	mm	L ₁ mm	L ₂ mm	d mm	△ g	
03 11 00 20	T20	3.8	55	17	22.7	70	5
03 11 00 25	T25	4.4	55	17	22.7	70	5
03 11 00 27	T27	5	55	17	22.7	71	5
03 11 00 30	T30	5.5	55	17	22.7	71	5
03 11 00 40	T40	6.6	55	17	22.7	71	5
03 11 00 45	T45	7.8	55	17	22.7	73	5
03 11 00 50	T50	8.8	55	17	22.7	86	5
03 11 00 55	T55	11.2	58	18	23.7	111	5
03 11 00 60	T60	13.2	58	18	23.7	113	5

Application: size T50 for the spare wheel retaining plate on the bumper of
the Opel Frontera Sport

54TXB/9

Set: Screwdriver sockets

for inside TORX® screws, tamper proof, with hollow point
(TORX® TAMPER RESISTANT).

9 pieces

Content: T20; T25; T27; T30; T40; T45; T50; T55; T60



Code	△ g	
96 03 10 07	810	1

in carton packing with transparent cover

54TXB/10

Set: Screwdriver sockets

for inside TORX® screws,
tamper proof, with hollow point
(TORX® TAMPER RESISTANT).

10 pieces

Content:
T20; T25; T27; T30; 2 x T40; T45;
T50; T55; T60



Code	△ g	
96 03 20 08	1185	1

in sturdy, stackable ABS plastic case

50CL

Clip strips

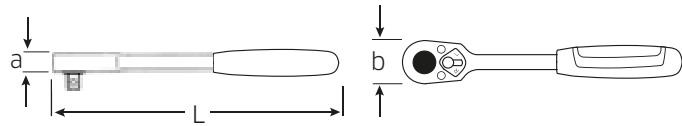
for socket retention, with 9 or 11 retaining clips.
Supplied without sockets.



Code	size	L mm	△ g	
80 50 00 01	1	200	54	5
80 50 00 02	2	300	73	5

Drive tools and accessories

1/2" □, finish: Chrome Alloy Steel, chrome plated.



512 Ratchet

reversible, 36 teeth, with 2-component handle, DIN 3122/ISO 3315.



Code	L mm	b mm	a mm	△ g	
13 11 10 10	265.5	41	22.5	600	1

512G Ratchet

reversible, 36 teeth, with 2-component handle, DIN 3122/ISO 3315. Encapsulated housing minimises the ingress of dirt.



Code	L mm	b mm	a mm	△ g	
13 11 11 10	265.5	41	22.5	613	1

512QR N QuickRelease ratchet, fine tooth



reversible, 80 teeth, with QuickRelease safety lock and 2-component handle, for use in confined spaces, re-engages after movement of 4.5°, DIN 3122/ISO 3315, registered design.



Code	L mm	b mm	a mm	△ g	
13 11 11 20	265.5	41	23	647	1

512SG-QR N QuickRelease ratchet, fine tooth



reversible, 80 teeth, with QuickRelease safety lock and steel handle, for use in confined spaces, re-engages after movement of 4.5°, construction without screws prevents foreign object damage, DIN 3122/ISO 3315, registered design.



Code	L mm	b mm	a mm	△ g	
13 11 10 30	265.5	41	22.5	680	1

517QR QuickRelease fine-tooth flexible-joint ratchet



reversible, 80 teeth, with QuickRelease safety lock and 2-component handle, handle may be raised or lowered by approx. 90°. Lockable in following positions: straight, 30° up, 60° up, 30° down. Release the lock by pressing the button in the handle, for use in confined spaces, re-engages after movement of 4.5°, construction without screws prevents foreign object damage, DIN 3122/ISO 3315, registered design.



Code	L mm	b mm	a mm	△ g	
13 26 10 10	416	41	22	980	1

515 Ratchet, fine tooth

reversible, 60 teeth, with 2-component handle, for use in confined spaces, re-engages after movement of 6°, DIN 3122/ISO 3315.



Code	L mm	b mm	a mm	△ g	
13 23 10 11	265	40	26.2	515	1

522 Ratchet adaptor

reversible, 20 teeth.



Code	L mm	∅ mm	△ g	
13 14 00 00	67.5	40	316	1

532 Ratchet

long handle, reversible, 36 teeth, with 2-component handle.



Code	L mm	b mm	a mm	△ g	
13 12 10 10	380	41	22.5	821	1

532G Ratchet

long handle, reversible, 36 teeth, with 2-component handle. Encapsulated housing minimises the ingress of dirt.



Code	L mm	b mm	a mm	△ g	
13 12 11 10	380	41	22.5	815	1

512QR N/7 Set of wrenches

NEW



in sturdy, stackable ABS plastic case, 7 pieces

Content :

- 1 ratchet No 512QR N
- 4 extension No 509QR/2 (52 mm), No 509QR/3 (75 mm), No 509QR/5 (130 mm), No 509QR/10 (255 mm)
- 1 universal joint No 510QR, 1 T-handle No 506QR



Code	△ g
96 03 40 10	2990

5120 + 7210/15 Spare parts set for ratchets No 512, 512SG, 532, 538

Content:

- 1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws.

Code	△ g	
19 04 00 00	127	1

5120G Spare parts set for ratchets No 512G, 532G

Content:

- 1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws.

Code	△ g	
19 04 00 30	120	1

12.5
1/2"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

12.5
1/2"

DIN
3120

ISO
1174-1

5120QR N80 Spare parts set for ratchets No 512QR N, 512SG-QR N



for ratchet 512QR N, screwless design.

Content:

1 pinion; 1 locking disc; 1 lever; 1 pin; 1 ball; 1 compression spring;
2 circlips; 1 cover plate.



Code	Δ g	
19042020	130	1

5120QR N Spare parts set for ratchet No 512QR N



for ratchet 512QR N, design with screws.

Content:

1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws.



Code	Δ g	
19040040	140	1

5120QR Spare parts set for ratchets No 512QR, 512SG-QR



Content:

1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws.

Code	Δ g	
19040020	118	1

7350/20 Spare parts set for ratchets No 515, 517

Content: 1 pinion; 1 pawl; 1 switching disk; 1 spring; 3 screws.

Code	Δ g	
59251020	146	1

501 Speeder brace

working radius 105 mm,
DIN 3122/ISO 3315.



Code	L mm	Δ g	
13100010	456	600	5

501QR QuickRelease speeder brace

NEW



with steel handle, for greater axial
power transmission, detachable palm
head, working radius 105 mm, DIN 3122/ISO 3315, with QuickRelease
safety lock, patent.



Code	L mm	Δ g	
13100005	456	886	1

504 Flexible handle

DIN 3122/ISO 3315,
with 2-component handle.



Code	size	L mm	Δ g	
13061015	15	397	735	1
13061018	18	469	831	1
13061024	24	610	1051	1

5040N Spare parts set for No 504

for version with black,
manganese-phosphated
TORX® screw.

Content:

1 universal Joint
1 screw
1 spring Washer



Code	Δ g	
96190801	80	1

5040 Spare parts set for No 504

for version with chrome plated
Philips-head screw.

Content:

1 universal Joint
1 screw
1 spring Washer



Code	Δ g	
96190800	75	1

506 Sliding T-handle

DIN 3122/ISO 3315.



Code	L mm	Δ g	
13070000	300	436	5

506QR QuickRelease sliding T-handle



patent,
with QuickRelease safety lock.



Code	L mm	Δ g	
13071000	300	470	1

509 Extensions

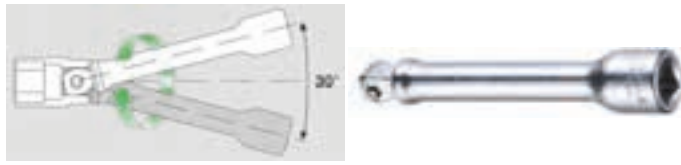
DIN 3123/ISO 3316.



Code	size	L mm	d mm	Δ g	
13010001	2	52	23	88	5
13010004	3	75	23.2	120	5
13010002	5	130	23.2	191	5
13010003	10	255	23.2	341	5

509W Extensions with wobble-drive

swivel angle 15° each side, maximum torque 200 N·m.



Code	size	L mm	d mm	Δ g	
13010005	2	52	23	80	5
13010006	3	75	23.2	120	5
13010007	5	130	23.2	191	5
13010008	10	255	23.2	341	5

509QR QuickRelease extensions



patent, DIN 3123/ISO 3316.



Code	size	L mm	d mm	Δ g	
13011001	2	52	23	90	1
13011004	3	75	23	123	1
13011002	5	130	23	187	1
13011003	10	255	23	341	1

3505 Special extension



Code	L mm	d mm	Δ g	
13210001	120	23.2	186	1

510 Universal joint

DIN 3123/ISO 3316.



Code	L mm	d mm	Δ g	
13020000	71	25	146	5

510QR QuickRelease universal joint



patent, DIN 3123/ISO 3316, with QuickRelease safety lock.



Code	L mm	d mm	Δ g	
13021000	80	25	155	1

5513 Set of adaptors

NEW

No 409, 1/4" socket x 3/8" plug
No 431, 3/8" socket x 1/4" plug
No 432, 3/8" socket x 1/2" plug
No 513, 1/2" socket x 3/8" plug
No 514, 1/2" socket x 3/4" plug



Code	Δ g	
96121003	648	1

513 Adaptor



1/2" socket x 3/8" plug (12.5 x 10),
maximum torque 202 N·m, DIN 3123/ISO 3316,
HPQ® high performance steel.

Code	L mm	d mm	Δ g	
13030002	35	22.7	55	5

514 Adaptor



1/2" socket x 3/4" plug (12.5 x 20),
DIN 3123/ISO 3316, HPQ® high performance steel.

Code	L mm	d mm	Δ g	
13030005	44	25	118	5

7789-1 Adaptor



1/2" socket x 1" plug (12.5 x 25),
HPQ® high performance steel.

Code	L mm	d mm	Δ g	
58522089	35	36.5	175	1

409M/432M/514M/3 Set of adaptors, 3 pieces

1/4" socket x 3/8" plug,
3/8" socket x 1/2" plug,
1/2" socket x 3/4" plug.



Code	Δ g	
96121002	120	1

514M Adaptor

1/2" socket x 3/4" plug (12.5 x 20).



Code	L mm	ϕ mm	Δ g	
13030010	22	38	40	1

12.5
1/2"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

12.5
1/2"

DIN
3120

ISO
1174-1

3

543 Bit holder

○ 5/16" inside hexagon, DIN 3126/ISO 1173 D 8.
Internal hex drive with a collar-thrust spring.
Bits are easy to insert, lock securely in position and
can be removed just as easily; even hex bits with
a wide groove (Type E, DIN 3126/ISO 1173).



Code	L mm	d mm	g	
13 1800 10	38	22	65	5

52/9/3 Socket set 1/2"

in sturdy, stackable ABS plastic case,
12 pieces

Content:

- 9 sockets with hexagon No 52:
sizes 10; 13; 16; 17; 18; 19; 21;
22; 24 mm
- 1 ratchet No 512
- 2 extensions No 509/5 (130 mm),
No 509/10 (255 mm)



Code	g
96 03 13 43	2747

50/12/3 Socket set 1/2"

in sturdy, stackable ABS plastic case,
15 pieces

Content:

- 12 sockets with bi-hexagon No 50:
sizes 10; 13; 16; 17; 18; 19; 21;
22; 24; 27; 30; 32 mm
- 1 ratchet No 512
- 2 extensions
No 509/5 (130 mm),
No 509/10 (255 mm)



Code	g
96 03 14 35	2739

52/12/3 Socket set 1/2"

in sturdy, stackable ABS plastic case,
15 pieces

Content:

- 12 sockets with hexagon No 52:
sizes 10; 13; 16; 17; 18; 19; 21; 22;
24; 27; 30; 32 mm
- 1 ratchet No 512
- 2 extensions No 509/5 (130 mm),
No 509/10 (255 mm)



Code	g
96 03 14 36	3562

52/16/5 Socket set 1/2"

in sturdy, stackable ABS plastic case,
21 pieces

Content:

- 15 sockets with hexagon No 52:
sizes 10; 11; 12; 13; 14; 15; 16; 17;
18; 19; 21; 22; 24; 27; 30 mm
- 1 socket, long, with rubber insert
No 51: sizes 16 mm - 5/8"
- 1 ratchet No 512
- 2 extensions No 509/5 (130 mm), No 509/10 (255 mm)
- 1 T-handle No 506
- 1 universal joint No 510



Code	g
96 03 14 06	4635

54/8/4 Socket set 1/2"

in sturdy, stackable ABS plastic case,
12 pieces

Content:

- 8 INHEX sockets No 54:
sizes 4; 5; 6; 8; 10; 12; 14; 17 mm
- 1 ratchet No 512
- 2 extensions No 509/5 (130 mm),
No 509/10 (255 mm)
- 1 T-handle No 506



Code	g
96 03 15 01	3636

50/16/6 Socket set 1/2"

in sturdy, stackable ABS plastic case,
22 pieces

Content:

- 16 sockets with bi-hexagon No 50:
sizes 10; 11; 12; 13; 14; 15; 16; 17;
18; 19; 21; 22; 24; 27; 30; 32 mm
- 1 ratchet No 512
- 3 extensions No 509/3 (75 mm),
No 509/5 (130 mm), No 509/10 (255 mm)
- 1 T-handle No 506
- 1 universal joint No 510



Code	g
96 03 14 47	4827

50/16/6QR Socket set 1/2"

QR

in sturdy, stackable ABS plastic case,
22 pieces

Content:

- 16 sockets with bi-hexagon No 50:
sizes 10; 11; 12; 13; 14; 15; 16; 17;
18; 19; 21; 22; 24; 27; 30; 32 mm
- 1 ratchet No 512QR N
- 3 extensions No 509QR/3 (75 mm),
No 509QR/5 (130 mm), No 509QR/10 (255 mm)
- 1 T-handle No 506QR
- 1 universal joint No 510QR



Code	g
96 03 14 46	4502

52/16/6 Socket set 1/2"

in sturdy, stackable ABS plastic case,
22 pieces

Content:

- 16 sockets with hexagon No 52:
sizes 10; 11; 12; 13; 14; 15; 16; 17;
18; 19; 21; 22; 24; 27; 30; 32 mm
- 1 ratchet No 512
- 3 extensions No 509/3 (75 mm),
No 509/5 (130 mm), No 509/10 (255 mm)
- 1 T-handle No 506
- 1 universal joint No 510



Code	g
96 03 14 48	4810

52/16/6QR Socket set 1/2"

QR

in sturdy, stackable ABS plastic case,
22 pieces

Content:

- 16 sockets with hexagon No 52:
sizes 10; 11; 12; 13; 14; 15; 16; 17;
18; 19; 21; 22; 24; 27; 30; 32 mm
- 1 ratchet No 512QR N
- 3 extensions No 509QR/3 (75 mm), No 509QR/5 (130 mm),
No 509QR/10 (255 mm)
- 1 T-handle No 506QR N
- 1 universal joint No 510QR



Code	ΔΔ g
9603 1480	4765

50/22/6 Socket set 1/2"

in sturdy, stackable ABS plastic case,
28 pieces

Content:

- 22 sockets with bi-hexagon No 50:
sizes 8; 9; 10; 11; 12; 13; 14; 15; 16;
17; 18; 19; 20; 21; 22; 23; 24; 26;
27; 28; 30; 32 mm
- 1 ratchet No 512
- 3 extensions No 509/3 (75 mm),
No 509/5 (130 mm), No 509/10 (255 mm)
- 1 T-handle No 506
- 1 universal joint No 510



Code	ΔΔ g
9603 1407	5410

52/22/6 Socket set 1/2"

in sturdy, stackable ABS plastic case,
28 pieces

Content:

- 22 sockets with hexagon No 52: sizes 8;
9; 10; 11; 12; 13; 14; 15; 16; 17; 18;
19; 20; 21; 22; 23; 24; 26; 27; 28; 30;
32 mm
- 1 ratchet No 512
- 3 extensions No 509/3 (75 mm),
No 509/5 (130 mm), No 509/10 (255 mm)
- 1 T-handle No 506
- 1 universal joint No 510



Code	ΔΔ g
9603 1409	5360

50ma/39/6N Socket set 1/2"

in sturdy sheet steel case,
45 pieces

Content:

- 39 sockets with bi-hexagon
No 50: sizes 10; 11; 12; 13; 14; 15;
16; 17; 18; 19; 20; 21; 22;
23; 24; 25; 26; 27; 28; 30; 32; 34 mm
- No 50a: sizes 3/8; 7/16; 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 25/32; 13/16; 7/8; 15/16; 1;
1 1/16; 1 1/8; 1 3/16; 1 1/4"
- 1 ratchet No 512
- 3 extensions No 509/3 (75 mm), No 509/5 (130 mm),
No 509/10 (255 mm)
- 1 T-handle No 506
- 1 universal joint No 510



Code	ΔΔ g
9603 01 40	9020

50ma/39/6QR Socket set 1/2"

NEW

QR

in sturdy sheet steel case,
45 pieces

Content:

- 39 sockets with bi-hexagon
No 50: sizes 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24;
25; 26; 27; 28; 30; 32; 34 mm
- No 50a: sizes 3/8; 7/16; 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 25/32; 13/16; 7/8; 15/16; 1;
1 1/16; 1 1/8; 1 3/16; 1 1/4"
- 1 ratchet No 512QR N
- 3 extensions No 509QR/3 (75 mm), No 509QR/5 (130 mm),
No 509QR/10 (255 mm)
- 1 T-handle No 506QR
- 1 universal joint No 510QR



Code	ΔΔ g
9603 01 07	9020

40/52/27/11 Socket set 1/4; 1/2"

in sturdy, stackable ABS plastic case,
38 pieces

Content:

- 9 sockets with hexagon No 40:
sizes 4; 5; 5.5; 6; 7; 8; 9; 10; 11 mm
- 10 sockets with hexagon No 52:
sizes 13; 16; 17; 18; 19; 21; 22; 24;
27; 30 mm
- 3 INHEX sockets No 44: sizes 3; 4; 5 mm
- 5 INHEX sockets No 54: sizes 6; 8; 10; 12; 14 mm
- 2 ratchets No 415, No 512
- 4 extensions No 405/2 (54 mm), No 509/5 (130 mm),
No 405/6 (150 mm), No 509/10 (255 mm)
- 2 universal joints No 407, No 510
- 1 drive handle No 400
- 2 T-handles No 404, No 506



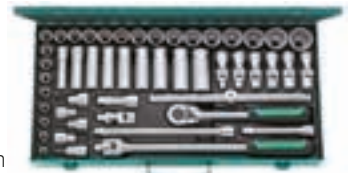
Code	ΔΔ g
9601 11 60	5145

50/43/7 Socket set 1/2"

in sturdy sheet steel case,
50 pieces

Content:

- 23 sockets with bi-hexagon No 50:
sizes 8; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19; 20; 21; 22; 23;
24; 25; 26; 27; 28; 30; 32; 34 mm
- 7 sockets, long, No 51:
sizes 13; 17; 18; 19; 22; 24; 27 mm
- 2 sockets, long, with rubber insert No 51:
sizes 16 mm - 5/8", 20.8 mm - 13/16"
- 6 UNIFLEX sockets with hexagon No 53:
sizes 10; 13; 16; 17; 18; 19 mm
- 5 INHEX sockets No 54: sizes 4; 5; 6; 8; 10 mm
- 1 ratchet No 512
- 3 extensions No 509/3 (75 mm), No 509/5 (130 mm),
No 509/10 (255 mm)
- 1 flexible handle No 504/15
- 1 T-handle No 506
- 1 universal joint No 510



Code	ΔΔ g
9603 01 36	10710

12.5
1/2"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

12.5
1/2"

DIN
3120

ISO
1174-1

50/54/25/6 Socket set 1/2"

in sturdy, stackable ABS plastic case,
31 pieces

Content:

- 17 sockets with bi-hexagon No 50:
sizes 8; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19; 21; 22; 24; 27;
30; 32 mm
- 8 INHEX sockets No 54:
sizes 4; 5; 6; 7; 8; 10; 12; 14 mm
- 1 ratchet No 512
- 3 extensions No 509/3 (75 mm), No 509/5 (130 mm),
No 509/10 (255 mm)
- 1 T-handle No 506
- 1 universal joint No 510



Code	 g
96 03 14 39	5579

50/54/25/6QR Socket set 1/2"

QR

in sturdy, stackable ABS plastic case,
31 pieces

Content:

- 17 sockets with bi-hexagon No 50:
sizes 8; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19; 21; 22; 24; 27;
30; 32 mm
- 8 INHEX sockets No 54: sizes 4; 5; 6; 7; 8; 10; 12; 14 mm
- 1 ratchet No 512QR NN
- 3 extensions No 509QR/3 (75 mm), No 509QR/5 (130 mm),
No 509QR/10 (255 mm)
- 1 T-handle No 506QR
- 1 universal joint No 510QR



Code	 g
96 03 14 40	4502

52/54/25/6 Socket set 1/2"

in sturdy, stackable ABS plastic case,
31 pieces

Content:

- 17 sockets with hexagon No 52:
sizes 8; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19; 21; 22; 24; 27;
30; 32 mm
- 8 INHEX sockets No 54:
sizes 4; 5; 6; 7; 8; 10; 12; 14 mm
- 1 ratchet No 512
- 3 extensions No 509/3 (75 mm), No 509/5 (130 mm),
No 509/10 (255 mm)
- 1 T-handle No 506
- 1 universal joint No 510



Code	 g
96 03 12 39	5590

52/54/25/6QR Socket set 1/2"

NEW

QR

in sturdy, stackable ABS plastic case,
31 pieces

Content:

- 17 sockets with hexagon No 52:
sizes 8; 10; 11; 12; 13; 14; 15;
16; 17; 18; 19; 21; 22; 24; 27;
30; 32 mm
- 8 INHEX sockets No 54: sizes 4; 5; 6; 7; 8; 10; 12; 14 mm
- 1 ratchet No 512QR N
- 3 extensions No 509QR/3 (75 mm), No 509QR/5 (130 mm),
No 509QR/10 (255 mm)
- 1 T-handle No 506QR
- 1 universal joint No 510QR



Code	 g
96 03 12 40	5306

87 Socket set 1/2"

in sturdy, stackable ABS plastic case,
47 pieces

Content:

- 19 sockets with bi-hexagon No 50:
sizes 8; 9; 10; 11; 12; 13; 14;
15; 16; 17; 18; 19; 21; 22; 24;
27; 30; 32; 34 mm
- 2 sockets, long, with rubber insert,
No 51: sizes 16 mm - 5/8";
20.8 mm - 13/16"
- 7 INHEX sockets No 54:
sizes 4; 5; 6; 7; 8; 10; 12 mm
- 13 combination spanners No 13:
sizes 10; 11; 12; 13; 14; 15; 16;
17; 18; 19; 21; 22; 24 mm
- 1 ratchet No 512
- 3 extensions No 509/3 (75 mm), No 509/5 (130 mm),
No 509/10 (255 mm)
- 1 T-handle No 506
- 1 universal joint No 510



Code	 g
96 03 11 01	8059

876 Socket set 1/2"

in sturdy, stackable ABS plastic case,
47 pieces

Content:

- 19 sockets with hexagon No 52:
sizes 8; 9; 10; 11; 12; 13; 14;
15; 16; 17; 18; 19; 21; 22; 24;
27; 30; 32; 34 mm
- 2 sockets, long, with rubber insert,
No 51: sizes 16 mm - 5/8";
20.8 mm - 13/16"
- 7 INHEX sockets No 54:
sizes 4; 5; 6; 7; 8; 10; 12 mm
- 13 combination spanners No 13:
sizes 10; 11; 12; 13; 14; 15; 16;
17; 18; 19; 21; 22; 24 mm
- 1 ratchet No 512
- 3 extensions No 509/3 (75 mm), No 509/5 (130 mm),
No 509/10 (255 mm)
- 1 T-handle No 506
- 1 universal joint No 510



Code	 g
96 03 23 01	8034



50TX/16/5 Socket set TORX® 1/2" ☐

in sturdy, stackable ABS plastic case,
21 pieces

Content:

7 sockets for external TORX® screws
No 50TX: sizes E10; E12; E14;
E16; E18; E20; E24

9 screwdriver sockets for internal
TORX® screws No 54TX:
sizes T20; T25; T27; T30; T40;
T45; T50; T55; T60

1 ratchet No 512

3 extensions No 509/2 (52 mm), No 509/5 (130 mm),
No 509/10 (255 mm)

1 universal joint No 510



Code	ΔΔ g
9603 3702	4013

876TX Socket set TORX® 1/2" ☐

in sturdy, stackable ABS plastic case,
39 pieces

Content:

12 sockets with hexagon No 52:
sizes 8; 10; 13; 16; 17; 18; 19;
21; 22; 24; 27; 30 mm

6 INHEX sockets No 54:
sizes 5; 6; 8; 10; 12; 14 mm

7 sockets for external TORX®
screws No 50TX:
sizes E10; E12; E14; E16; E18; E20; E24

9 screwdriver sockets for internal TORX® screws No 54TX:
sizes T20; T25; T27; T30; T40; T45; T50; T55; T60

1 ratchet No 512

2 extensions No 509/5 (130 mm), No 509/10 (255 mm)

1 T-handle No 506

1 universal joint No 510



Code	ΔΔ g
9881 1909	6574

86TX Socket set TORX® 1/4; 1/2" ☐

in sturdy, stackable ABS plastic case,
63 pieces

Content:

9 sockets with hexagon No 40:
sizes 4; 5; 5.5; 6; 7; 8; 9; 10;
11 mm

10 sockets with hexagon No 52:
sizes 13; 16; 17; 18; 19; 21; 22;
24; 27; 30 mm

5 sockets for external TORX® screws No 40TX:
sizes E4; E5; E6; E7; E8

7 sockets for external TORX® screws No 50TX:
sizes E10; E12; E14; E16; E18; E20; E24

3 INHEX sockets No 44: sizes 3; 4; 5 mm

5 INHEX sockets No 54: sizes 6; 8; 10; 12; 14 mm

6 screwdriver sockets for internal TORX® screws No 44KTX:
sizes T8; T9; T10; T15; T20; T25

7 screwdriver sockets for internal TORX® screws No 54TX:
sizes T27; T30; T40; T45; T50; T55; T60

2 ratchets No 415, No 512

4 extensions No 405/2 (54 mm), No 509/5 (130 mm),
No 405/6 (150 mm), No 509/10 (255 mm)

2 universal joints No 407, No 510

1 drive handle No 400

2 T-handles No 404, No 506



Code	ΔΔ g
9601 3702	6734

89TX Socket set TORX® 1/4; 3/8; 1/2" ☐

in sturdy, stackable ABS plastic case,
35 pieces

Content:

3 sockets for external TORX® screws
No 40TX: sizes E4; E5; E6

2 screwdriver sockets for internal
TORX® screws No 44KTX:
sizes T8; T9

4 sockets for external TORX® screws
No 45TX: sizes E7; E8; E10; E12

5 screwdriver sockets for internal TORX® screws No 49TX:
sizes T10; T15; T20; T25; T27

6 sockets for external TORX® screws No 50TX:
sizes E11; E14; E16; E18; E20; E24

6 screwdriver sockets for internal TORX® screws No 54TX:
sizes T30; T40; T45; T50; T55; T60

7 bits ② 1440: T10; 1441: T15; 1442: T20; 1443: T25; 1444: T27;
1445: T30; 1446: T40

1 bit-holder No 442

1 TORX® controller: sizes E6; E7; E8; E10; E12; E14; E16; T10; T15; T20;
T25; T27; T30; T40; T45; T47; T50; T55; T60



Code	ΔΔ g
9881 1908	2568

50a/17/6 Socket set 1/2" ☐

in sturdy, stackable ABS plastic case,
23 pieces

Content:

17 sockets with bi-hexagon No 50a:
sizes 3/8; 7/16; 1/2; 9/16; 19/32; 5/8;
11/16; 3/4; 25/32; 13/16; 7/8; 15/16; 1;
1 1/16; 1 1/8; 1 3/16; 1 1/4"

1 ratchet No 512

3 extensions No 509/2 (52 mm),
No 509/5 (130 mm), No 509/10 (255 mm)

1 T-handle No 506

1 universal joint No 510



Code	ΔΔ g
9603 5125	5015

87a Socket set 1/2" ☐

in sturdy, stackable ABS plastic case,
40 pieces

Content:

15 sockets with bi-hexagon No 50a:
sizes 3/8; 7/16; 1/2; 9/16; 5/8; 11/16;
3/4; 13/16; 7/8; 15/16; 1; 1 1/16; 1 1/8;
1 3/16; 1 1/4"

2 sockets, long, with rubber insert,
No 51: sizes 16 mm - 5/8";
20.8 mm - 13/16"

5 INHEX sockets No 54a:
sizes 7/32; 1/4; 5/16; 3/8; 1/2 "

12 combination spanners No 13a:
sizes 1/4; 5/16; 11/32; 3/8; 7/16; 1/2;
9/16; 5/8; 11/16; 3/4; 13/16; 7/8"

1 ratchet No 512

3 extensions No 509/2 (52 mm), No 509/5 (130 mm),
No 509/10 (255 mm)

1 T-handle No 506

1 universal joint No 510



Code	ΔΔ g
9603 5101	7219

12.5
1/2"

DIN
3120

ISO
1174-1

3

Sockets, Socket Sets

12.5
1/2"

DIN
3120

ISO
1174-1

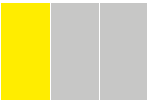
ES 1/2"-512/6



175 x 350 x 35 mm, 6 pieces

Code		⚠ g
96838113		1915
 No 506	1/2" ■ 300 mm	
 No 509/2	1/2" ■ ○ 52 mm	
 No 509/5	1/2" ■ ○ 130 mm	
 No 509/10	1/2" ■ ○ 255 mm	
 No 510	1/2" ■ ○ 71 mm	
 No 512	1/2" ■	
83812029	Empty tray	110

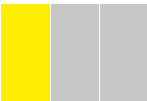
TCS 1/2"-512/6



175 x 350 x 35 mm, 6 pieces

Code		⚠ g
96838175		1845
 No 506	1/2" ■ 300 mm	
 No 509/2	1/2" ■ ○ 52 mm	
 No 509/5	1/2" ■ ○ 130 mm	
 No 509/10	1/2" ■ ○ 255 mm	
 No 510	1/2" ■ ○ 71 mm	
 No 512	1/2" ■	

TCS 1/2"-512/9



175 x 350 x 40 mm, 9 pieces

Code		⚠ g
96830603		2364
 No 506	1/2" ■ 300 mm	
 No 509QR/2	1/2" ■ ○ 52 mm	
 No 509/5	1/2" ■ ○ 130 mm	
 No 509QR/10	1/2" ■ ○ 255 mm (2x)	
 No 510	1/2" ■ ○ 71 mm	
 No 512	1/2" ■	
 No 513	3/8" ■ 1/2" ○	
 No 514	3/4" ■ 1/2" ○	

TCS 50/52/30/6 MF



350 x 350 x 70 mm, 36 pieces

Code		⚠ g
96830354		4604
 No 50	1/2" ○ sizes 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 30 mm	
 No 52	1/2" ○ sizes 12; 13; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32; 34 mm	
 No 54	1/2" ○ sizes 5; 6; 7; 8; 10; 12 mm	
 No 506	1/2" ■ 300 mm	
 No 509/5	1/2" ■ ○ 130 mm	
 No 509/10	1/2" ■ ○ 255 mm	
 No 510	1/2" ■ ○ 71 mm	
 No 512	1/2" ■	
 No 513	3/8" ■ 1/2" ○	

TCS 52/14/4



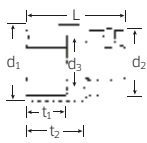
175 x 350 x 50 mm, 18 pieces

Code		⚠ g
96838781		2510
 No 52	1/2" ○ sizes 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 22; 24; 27; 30 mm	
 No 509/5	1/2" ■ ○ 130 mm	
 No 509/10	1/2" ■ ○ 255 mm	
 No 510	1/2" ■ ○ 71 mm	
 No 512	1/2" ■	

55 Sockets



DIN 3124/ISO 2725-1, ASME B 107.5 M, AS-drive and HPQ® high performance steel up to size 38, chrome plated.

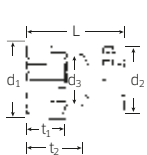


Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg g	
05010019	19	28.5	34.7	17	50	16	26	183	5
05010021	21	31	34.7	18	50	16	26	226	5
05010022	22	32	34.7	19	51	17	25.2	199	5
05010024	24	34	34.7	21	51	18.5	24.6	200	5
05010027	27	38.5	38	24	54	20	26.8	263	5
05010030	30	42	38	27	58	21	33.6	313	5
05010032	32	44.5	38	29	58	22	33	326	2
05010033	33	46	40	30	60	22	34.7	372	2
05010034	34	47	40	31	60	24	34.4	363	2
05010036	36	49.5	40	33	60	24	33.9	386	2
05010038	38	52	40	35	64	30	37.3	429	2
05010041	41	55.5	40	33	67	30	37.5	498	2
05010046	46	61	40	33	73	34	43.5	605	1
05010050	50	66	40	33	80	34	48.5	769	1
05010055	55	72	45	33	80	36	49.5	954	1
05010060	60	78	45	33	80	40	50.5	1025	1

55a Sockets



SAE AS 954-E (test loads), ASME B 107.1, AS-drive and HPQ® high performance steel up to size 1 1/2", chrome plated.

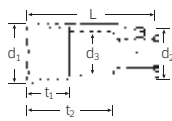


Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg g	
05410040	3/4	28.5	34.7	18.6	50	16	26	176	2
05410042	13/16	31	34.7	19.4	51	16.5	25.1	190	2
05410044	7/8	33	34.7	21	51	18	24.5	240	2
05410046	15/16	34	34.7	22.5	51	18.5	24.2	248	2
05410048	1	37	38	24	52	20	24.8	251	2
05410050	1 1/16	38.5	38	26	54	20	26.2	265	2
05410052	1 1/8	41	38	27.5	57	20	32.5	297	2
05410056	1 1/4	44.5	38	30.5	58	22	32.6	339	2
05410058	1 5/16	46.5	40	32.1	59	24	33.1	368	2
05410060	1 3/8	48.5	40	33.7	59	24	32.7	375	2
05410062	1 7/16	50	40	35.3	60	27	33.2	395	2
05410064	1 1/2	52	40.5	36.8	64	30	36.8	415	2
05410066	1 5/8	56	40	33	67	30	37.5	469	1
05410067	1 11/16	58	40	33	70	32	40.5	524	1
05410068	1 3/4	59.5	40	33	70	32	40.5	524	1
05410069	1 13/16	61.5	40	33	73	34	43.5	585	1
05410070	1 7/8	63.5	40	33	76	34	45	651	1
05410072	2	67	40	33	80	34	48.5	757	1

56 Sockets



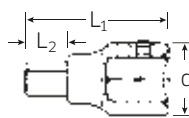
DIN 3124/ISO 2725-1, ASME B 107.5 M, extra deep, AS-drive and HPQ® high performance steel up to size 36, chrome plated.



Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg g	
05020022	22	32	34.7	19	90	40	64.2	374	5
05020024	24	34	34.7	21	90	40	63.6	341	5
05020027	27	38.5	38	24	90	40	62.8	443	5
05020030	30	42	38	27	90	40	65.6	477	5
05020032	32	44.5	38	29	90	40	65	526	2
05020034	34	47	40	31	90	40	64.4	562	2
05020036	36	49.5	40	33	90	40	63.9	620	2
05020041	41	55.5	40	38	90	40	58.5	714	2

59 IN HEX sockets

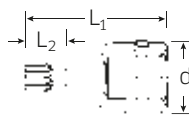
for socket head screws, DIN 7422, Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	Δg g	
05050014	14	80	25	34.7	272	1
05050017	17	80	25	34.7	311	1
05050019	19	80	25	34.7	346	1
05050022	22	80	25	40	515	1

59X Screwdriver sockets

for trisquare socket head screws (XZN®), Chrome Alloy Steel, chrome plated.

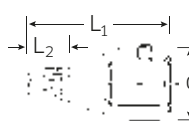


Code	size	L ₁ mm	L ₂ mm	d mm	Δg g	
05060014	M14	90	35	34.7	281	1
05060016	M16	80	25	34.7	302	1
05060018	M18	100	45	34.7	315	1

Application: Flywheel and oscillation damper on Mercedes-Benz commercial vehicles

59TX Screwdriver sockets

for inside TORX® screws, Chrome Alloy Steel, chrome plated.



Code	size	mm	L ₁ mm	L ₂ mm	d mm	Δg g	
05100060	T60	13.2	80	25	34.7	265	1
05100070	T70	15.5	80	25	34.7	285	1
05100080	T80	17.6	80	25	34.7	300	1
05100090	T90	19.9	80	25	34.7	331	1
05100100	T100	22.1	80	25	40	474	1

Application: size T80 for MAN series M, size T100 for MAN series F

20
3/4"

DIN
3120

ISO
1174-1

3

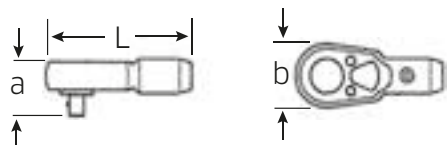
20
3/4"

DIN
3120

ISO
1174-1

Drive tools and accessories

3/4" □, finish: Chrome Alloy Steel, chrome plated.



552 Ratchet

QR

reversible, 36 teeth,
with QuickRelease safety lock,
without Bar handle No 558.



Code	L mm	b mm	a mm	△△ g	☐
15 11 00 00	165	70	55	1670	1

5520 Spare parts set for ratchet No 552

Content:
1 pinion, 1 pawl, 1 lever, 1 ball, 1 compression spring, 2 screws

Code	△△ g	☐
19 05 00 00	536	1

563 Ratchet adaptor

reversible, 44 teeth.



Code	L mm	∅ mm	△△ g	☐
15 14 00 00	105.5	63	1257	1

554 Flexible head

QR

with QuickRelease safety lock,
without Bar handle No 558.



Code	L mm	d mm	△△ g	☐
15 06 00 00	132	40	795	5

556 Sliding head

without Bar handle No 558.



Code	L mm	d mm	△△ g	☐
15 07 00 00	61.5	40	318	5

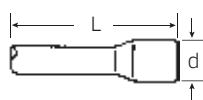
558 Bar handle



Code	L mm	d mm	△△ g	☐
15 17 00 00	510	20	1259	2

559 Extensions

DIN 3123/ISO 3316.



Code	size	L mm	d mm	△△ g	☐
15 01 00 03	4	95	35	369	5
15 01 00 01	8	200	35	696	5
15 01 00 02	16	400	35	1255	5

561 Universal joint

DIN 3123/ISO 3316.



Code	L mm	d mm	△△ g	☐
15 02 00 00	109	40	566	1

568 Adaptor

HPQ

3/4" socket x 1/2" plug (20 x 12.5),
maximum torque 512 N·m,
DIN 3123/ISO 3316, HPQ® high performance steel.



Code	L mm	d mm	△△ g	☐
15 03 00 03	55	34.7	203	5

569 Adaptor

HPQ

3/4" inside x 1" plug (20 x 25), DIN 3123/ISO 3316,
HPQ® high performance steel.



Code	L mm	d mm	△△ g	☐
15 03 00 06	61	34.7	295	5

55/10/6 Socket set 3/4" □

in sturdy sheet steel case,

16 pieces

Content:

- 10 sockets with hexagon No 55:
sizes 22; 24; 27; 30; 32; 34; 36;
41; 46; 50 mm
- 1 ratchet No 552
- 2 extensions
No 559/8 (200 mm),
No 559/16 (400 mm)
- 1 flexible head No 554
- 1 sliding head for T-handle No 556
- 1 bar handle No 558



Code	△△ g
96 05 01 04	13965

55/9/6N Socket set 3/4" □

in sturdy sheet steel case,
15 pieces
Content:
9 sockets with hexagon No 55:
sizes 32; 34; 36; 38; 41; 46; 50;
55; 60 mm
1 ratchet No 552
2 extensions No 559/8 (200 mm),
No 559/16 (400 mm)
1 flexible head No 554
1 sliding head for T-handle No 556
1 bar handle No 558



Code	Δg
96050103	15731

55a/10/5 Socket set 3/4" □

in sturdy sheet steel case,
15 pieces
Content:
10 sockets with bi-hexagon
No 55a: sizes 1 1/16; 1 1/8; 1 1/4;
1 3/8; 1 7/16; 1 1/2; 1 5/8; 1 3/4;
1 13/16; 1 7/8"
1 ratchet No 552
2 extensions
No 559/8 (200 mm), No 559/16 (400 mm)
1 sliding head for T-handle No 556
1 bar handle No 558



Code	Δg
96054101	12620

55a/16/6 Socket set 3/4" □

in sturdy sheet steel case,
22 pieces
Content:
16 sockets with bi-hexagon No 55a:
sizes 7/8; 15/16; 1; 1 1/16; 1 1/8;
1 1/4; 1 5/16; 1 3/8; 1 7/16; 1 1/2;
1 5/8; 1 11/16; 1 3/4; 1 13/16; 1 7/8; 2"
1 ratchet No 552
2 extensions No 559/8 (200 mm),
No 559/16 (400 mm)
1 flexible head No 554
1 sliding head for T-handle No 556
1 bar handle No 558



Code	Δg
96054103	16750

ES 55/6/4



530 x 350 x 83 mm, 10 pieces

Code	Δg
96838174	7875
 No 55	3/4" ○ sizes 34; 36; 41; 46; 50; 55 mm
 No 552	3/4" ■
 No 556	3/4" ■
 No 558	510 mm
 No 559/8	3/4" ■ ○ 200 mm
83812089	Empty tray 298

TCS 55/11/6



TCS



530 x 350 x 90 mm, 17 pieces

Code	Δg
96830221	10100
 No 55	3/4" ○ sizes 22; 24; 27; 30; 32; 34; 36; 38; 41; 46; 50 mm
 No 552	3/4" ■
 No 556	3/4" ■
 No 558	510 mm
 No 559/8	3/4" ■ ○ 200 mm
 No 559/16	3/4" ■ ○ 400 mm
 No 568	1/2" ■ 3/4" ○

STAHLWILLE »AS-Drive«



STAHLWILLE sockets are equipped with the AS-Drive* profile: this permits high transmission of forces to the lands of nuts and bolts without damaging them. No longer will you have to worry about stripping the corners off nuts and bolts.

*Anti-Slip-Drive

Sockets, Socket Sets

25
1"

DIN
3120

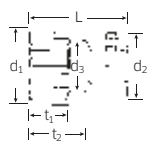
ISO
1174-1

3

60 Sockets



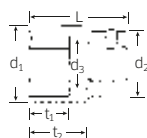
DIN 3124/ISO 2725-1, AS-drive and HPQ® high performance steel up to size 36, chrome plated.



Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	
06 01 00 30	30	42.5	43	27	65	20	33.1	371	2
06 01 00 32	32	45	43	29	67	24	34.6	374	2
06 01 00 34	34	47	43	31	67	24	34	398	2
06 01 00 36	36	49.5	48	33	67	24	33.4	493	2
06 01 00 41	41	55.5	48	36	70	30	37.5	520	1
06 01 00 46	46	61	49	40	75	32	43.5	622	1
06 01 00 50	50	66	48	43	80	34	47.5	707	1
06 01 00 55	55	72	48	49	85	36	49.5	920	1
06 01 00 60	60	78	48	53	90	40	56.5	992	1

60 Sockets

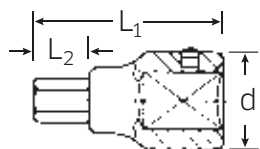
DIN 3124, Chrome Alloy Steel, chrome plated.



Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	
06 01 00 65	65	87	60	58	105	40	68.5	1917	1
06 01 00 70	70	94	60	63	110	42	72.5	2210	1
06 01 00 75	75	101	60	68	115	45	78.5	2525	1
06 01 00 80	80	108	60	73	120	48	83.5	2865	1

64 IN HEX sockets

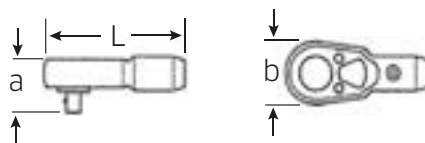
DIN 7422, Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	Δg	
06 05 00 14	14	85	25	43	390	1
06 05 00 17	17	85	25	43	417	1
06 05 00 19	19	85	25	43	445	1
06 05 00 22	22	90	25	48	661	1
06 05 00 24	24	90	25	48	719	1
06 05 00 27	27	90	25	49	827	1

Drive tools and accessories

1" □, finish: Chrome Alloy Steel, chrome plated.



882 Ratchet



reversible, 36 teeth, with QuickRelease safety lock, without Bar handle No 888.



Code	L mm	b mm	a mm	Δg	
16 11 00 00	185	70	60	1984	1

8820 Spare parts set for ratchet No 882

Content:

1 pinion, 1 pawl, 1 lever, 1 ball, 1 compression spring, 2 screws

Code	Δg	
19 07 00 00	609	1

884 Flexible head



with QuickRelease safety lock, without Bar handle No 888.



Code	L mm	d mm	Δg	
16 06 00 00	195	48	1848	1

886 Sliding head

without Bar handle No 888.



Code	L mm	d mm	Δg	
16 07 00 00	80	48	616	1

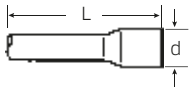
888 Bar handle



Code	L mm	d mm	Δg	
16 17 00 00	700	28	3337	1

859 Extensions

DIN 3123/ISO 3316.



Code	size	L mm	d mm	$\Delta\Delta$ g	
16010001	8	200	43	1004	2
16010002	16	410	43	1794	2

866 Adaptor

HPQ

1" socket x 3/4" plug (25 x 20),
maximum torque 1412 N-m,
DIN 3123/ISO 3316, HPQ® high performance steel.



Code	L mm	d mm	$\Delta\Delta$ g	
16030005	70	43	347	2

60/6/6/882 Socket set 1"

in sturdy sheet steel case,
12 pieces

Content:

- 6 sockets with bi-hexagon No 60:
sizes 36; 41; 46; 50; 55; 60 mm
- 1 ratchet No 882
- 2 extensions No 859/8 (200 mm),
No 859/16 (410 mm)
- 1 flexible head No 884
- 1 sliding head for T-handle No 886
- 1 bar handle No 888



Code	$\Delta\Delta$ g
96060101	19720

60/8/6/882 Socket set 1"

in sturdy sheet steel case,
14 pieces

Content:

- 4 sockets with bi-hexagon No 60:
sizes 46; 50; 55; 60 mm
- 4 sockets with hexagon No 60:
sizes 65; 70; 75; 80 mm
- 1 ratchet No 882
- 2 extensions No 859/8 (200 mm), No 859/16 (410 mm)
- 1 flexible head No 884
- 1 sliding head for T-handle No 886
- 1 bar handle No 888

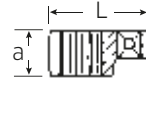
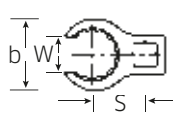


Code	$\Delta\Delta$ g
96060103	30000

440 CROW-RING spanners

AS
DRIVE

Caution! Modified settings on torque wrench (refer to note on page 187).
Chrome Alloy Steel, chrome plated.



Code	$\Delta\Delta$ mm	$\Delta\Delta$ "	L mm	b mm	a mm	S mm	W mm	$\Delta\Delta$ g	
01190008	8	1/4	23.8	12.7	8	12.3	6.3	11	1
01190009	9	1/4	28.5	18.2	13.5	14	6.7	21	1
01190010	10¹⁾	1/4	28.4	18.2	13.5	14	7.1	16	1
01190011	11	1/4	28	18.2	13.5	14	8.6	17	1
01190012	12¹⁾	1/4	30.8	20.6	14	15.7	9	20	1
01190013	13	1/4	32	22.2	14	16.4	10	30	1
01190014	14¹⁾	1/4	31.7	22.2	14	16.4	11.1	20	1
02190015	15	3/8	36.5	24.6	17.5	19.1	11.9	34	1
02190016	16	3/8	36.1	24.6	17.5	19.1	13	27	1
02190017	17²⁾	3/8	39.2	27.3	17.5	20.5	14	40	1
02190018	18	3/8	40.8	29	18.5	21.3	14.8	45	1
02190019	19²⁾	3/8	40.5	29	18.5	21.3	15.8	40	1
02190020	20	3/8	42.9	31.3	18.5	22.5	15.8	54	1
02190021	21	3/8	42.8	31.3	18.5	22.5	16.2	45	1
02190022	22²⁾	3/8	45.3	33.5	19	23.6	17	57	1
02190023	23	3/8	47.5	35.7	19.5	24.6	17.5	71	1
02190024	24²⁾	3/8	47.3	35.7	19.5	24.6	18	57	1
02190025	25	3/8	49.3	37.7	20	25.7	19	80	1
02190026	26	3/8	49.3	37.7	20	25.7	19	63	1
02190027	27	3/8	52.8	40	21.4	28.2	20	100	1
02191027	27MB³⁾	3/8	57.1	42.1	15	29.3	20	92	1
03190028	28	1/2	56.8	42.1	22.5	29.3	21	120	1
03190030	30	1/2	63	48	22.5	32.5	22	155	1
03190032	32	1/2	62.5	48	22.5	32.5	24	145	1
03190034	34	1/2	64.2	50	24	33.5	27	146	1
03190036	36	1/2	66.5	51.9	24	34.6	27	150	1
03190038	38	1/2	68.1	53.9	24	35.6	28.6	147	1
03190040	40	1/2	71.8	57.9	24.5	37.7	31	160	1
03190041	41	1/2	71.8	57.9	24.5	37.7	31	169	1
03190042	42	1/2	71	57.9	24.5	37.7	33.2	189	1
03190046	46	1/2	77.7	64.2	26	40.9	34.1	215	1
03190050	50	1/2	83.2	70.5	27.5	44.1	39.7	295	1

¹⁾ For union nuts on fuel injection leads on 4-cylinder Mercedes-Benz diesel engines

²⁾ For use on suction or pressure lines within expansion valve of air conditioning unit (Mercedes-Benz)

³⁾ Slim-line version for setting of electronic injection on 440-HP-engines Mercedes-Benz series OM 442

Made in Germany

6.3
1/4"

10
3/8"

12.5
1/2"

25
1"

DIN
3120

3

Sockets, Socket Sets

6.3
1/4"

10
3/8"

12.5
1/2"

DIN
3120

ISO
1174-1

3

440a CROW-RING spanners

Code			L mm	b mm	a mm	S mm	W mm	Δ g	
01 49 00 24	3/8¹⁾	1/4	28.4	18.2	13.5	14	7.1	16	1
01 49 00 28	7/16	1/4	28	18.2	13.5	14	8.6	14	1
01 49 00 32	1/2	1/4	30.5	20.6	14	15.7	10	19	1
01 49 00 34	9/16	1/4	31.7	22.2	14	16.4	11.1	23	1
02 49 00 36	5/8	3/8	36.5	24.6	17.5	19.1	11.9	33	1
02 49 00 38	11/16	3/8	39.2	27.3	17.5	20.5	14	36	1
02 49 00 40	3/4	3/8	40.9	29	18.5	21.3	14.2	44	1
02 49 00 42	13/16	3/8	42.9	31.3	18.5	22.5	15.8	51	1
02 49 00 44	7/8	3/8	45.2	33.5	19	23.6	17.5	62	1
02 49 00 46	15/16	3/8	47.2	35.7	19.5	24.6	18.3	63	1
02 49 00 48	1	3/8	49.3	37.7	20	25.7	19	71	1
02 49 00 50	1 1/16	3/8	52.8	40	21.4	28.2	20	84	1
03 49 00 52	1 1/8	1/2	56.8	42.1	22.5	29.3	21	110	1
03 49 00 56	1 1/4	1/2	62.5	48	22.5	32.5	23.8	137	1
03 49 00 58	1 5/16	1/2	62.3	48	22.5	32.5	24.6	130	1
03 49 00 60	1 3/8	1/2	64.2	50	24	33.5	27	138	1
03 49 00 62	1 7/16	1/2	66.5	51.9	24	34.6	27	143	1
03 49 00 64	1 1/2	1/2	68.1	53.9	24	35.6	28.6	152	1
03 49 00 65	1 9/16	1/2	70.1	55.9	24	36.7	29.4	172	1
03 49 00 66	1 5/8	1/2	71.8	57.9	24.5	37.7	31	169	1
03 49 00 68	1 3/4	1/2	75.6	62	25.5	39.8	33.2	199	1
03 49 00 69	1 13/16	1/2	77.7	64.2	26	40.9	34.1	229	1
03 49 00 72	2	1/2	83.2	70.5	27.5	44.1	39.7	277	1
03 49 00 76	2 1/4	1/2	91.2	78.7	29.5	48.2	42.8	337	1
03 49 00 77	2 5/16	1/2	93.3	80.9	30	49.2	43.6	309	1
03 49 00 78	2 3/8	1/2	95.2	83	30.5	50.2	46	385	1

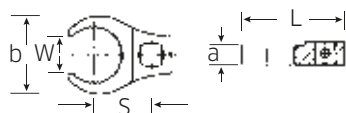
¹⁾ For Volvo aero-engines, types "JAS"

440S MJ CROW-RING spanners

HPQ

Supersedes No 440 MJ

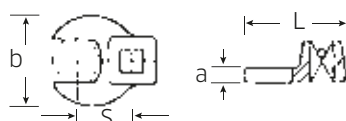
Caution! Modified settings on torque wrench (refer to note on page 187), EN 4108, for pipe unions with straight cylindrical involute toothing, HPQ® high performance steel, chrome plated.



Code	Threaded - nut			L mm	b mm	a mm	S mm	W mm	Δ g	
01 21 10 10 MJ10	DN04	1/4	31.9	22	8	17	6.5	54	1	
01 21 10 14 MJ14	DN06	1/4	36.5	27	8	19.5	8.5	29	1	
02 21 10 16 MJ16	DN08	3/8	43.8	31	8	24	10.5	46	1	
02 21 10 18 MJ18	DN10	3/8	45.2	33	8	25	13	47	1	
02 21 10 20 MJ20	DN12	3/8	46.2	35	8	26	15	49	1	
02 21 10 22 MJ22	DN14	3/8	48.4	37	9	27	17.5	54	1	
02 21 10 24 MJ24	DN16	3/8	49.5	39	9	28	19.7	56	1	
02 21 10 27 MJ27	DN18	3/8	54.4	44	10	31	21.5	70	1	
02 21 10 30 MJ30	DN20	3/8	60.8	50	10	36	23.7	93	1	

540 CROW-RING spanners

Caution! Modified settings on torque wrench (refer to note on page 187), Chrome Alloy Steel, chrome plated.



Code			L mm	b mm	a mm	S mm	Δ g	
01 20 00 08	8	1/4	25.5	19.8	6.3	14.6	19	1
01 20 00 09	9	1/4	25.5	19.8	6.3	14.6	21	1
01 20 00 10	10	1/4	25.5	19.8	6.3	14.6	20	1
02 20 00 11	11	3/8	32	22.2	6.3	17.4	36	1
02 20 00 12	12	3/8	34.3	25.4	6.3	18.2	37	1
02 20 00 13	13	3/8	34.3	25.4	6.3	17.8	36	1
02 20 00 14	14	3/8	37.7	30	6.3	20.8	46	1
02 20 00 15	15	3/8	37.7	30	6.3	20.4	45	1
02 20 00 16	16	3/8	37.7	30	6.3	19.9	45	1
02 20 00 17	17	3/8	42.5	38	6.3	23.8	62	1
02 20 00 18	18	3/8	42.5	38	6.3	22.9	61	1
02 20 00 19	19	3/8	42.5	38	6.3	22.4	64	1
02 20 00 20	20	3/8	42.4	38	6.3	25	55	1
02 20 00 21	21	3/8	44.5	41	6.3	23.6	59	1
02 20 00 22	22	3/8	44.5	41	6.3	24.2	64	1
02 20 00 23	23	3/8	44.5	41	6.3	25.8	64	1
02 20 00 24	24	3/8	44.4	41	6.3	26.2	60	1
02 20 00 25	25	3/8	47	45	8	26.4	75	1
02 20 00 26	26	3/8	47	45	8	27.6	80	1
02 20 00 27	27	3/8	47	45	8	27.6	76	1
02 20 00 28	28	3/8	50	50	8	29.3	78	1
02 20 00 30	30	3/8	50	50	8	29.3	84	1
02 20 00 32	32	3/8	53	57	8	30.5	95	1
02 20 00 34	34	3/8	54.5	60	8	31.6	107	1
02 20 00 36	36	3/8	56.5	62	8	32.8	100	1
02 20 00 40	40	3/8	63	70	8	37.6	130	1
02 20 00 41	41	3/8	63	70	8	37.2	130	1
02 20 00 42	42	3/8	63	70	8	37.7	125	1
02 20 00 46	46	3/8	72	82	8	43.1	191	1
02 20 00 50	50	3/8	75	88	8	45.4	217	1

540a CROW-FOOT spanners

Code			L mm	b mm	a mm	S mm	Δ g	
01 50 00 24	3/8	1/4	25.5	19.8	6.3	14.6	17	1
02 50 00 28	7/16	3/8	32	22.2	6.3	17.2	34	1
02 50 00 32	1/2	3/8	34.3	25.4	6.3	18.1	37	1
02 50 00 34	9/16	3/8	37.7	30	6.3	20.9	40	1
02 50 00 36	5/8	3/8	37.7	30	6.3	20.4	44	1
02 50 00 38	11/16	3/8	42.5	38	6.3	24.1	62	1
02 50 00 40	3/4	3/8	42.5	38	6.3	24	66	1
02 50 00 42	13/16	3/8	42.3	38	6.3	24	59	1
02 50 00 44	7/8	3/8	44.5	41	6.3	25.8	65	1
02 50 00 48	1	3/8	47	45	8	26.7	78	1
02 50 00 50	1 1/16	3/8	47	45	8	27.2	78	1
02 50 00 52	1 1/8	3/8	50	50	8	28.5	84	1
02 50 00 54	1 3/16	3/8	50	50	8	29.2	83	1
02 50 00 56	1 1/4	3/8	53	57	8	30.3	101	1
02 50 00 58	1 5/16	3/8	53	57	8	31.2	101	1
02 50 00 60	1 3/8	3/8	54.5	60	8	32.3	105	1
02 50 00 62	1 7/16	3/8	56.5	62	8	33.1	107	1
02 50 00 64	1 1/2	3/8	58	65	8	34.5	118	1
02 50 00 65	1 9/16	3/8	59.5	68	8	35.7	126	1
02 50 00 66	1 5/8	3/8	63	70	8	37.3	140	1
02 50 00 67	1 11/16	3/8	63	70	8	37.7	126	1
02 50 00 68	1 3/4	3/8	68	76	8	40.4	161	1
02 50 00 70	1 7/8	3/8	72	82	8	42	205	1
02 50 00 72	2	3/8	75	88	8	44.8	214	1
02 50 00 74	2 1/8	3/8	75.6	91	10	46	265	1
02 50 00 76	2 1/4	3/8	80.5	96	10	49.5	297	1
03 50 00 78	2 3/8	1/2	81.5	96	8	51.3	214	1

540a HD CROW-FOOT spanners Heavy Duty

for particularly high loadings, e.g. stainless steel screw fittings.
Full use of jaws in conjunction with standard ratchets.
Caution! Modified settings on torque wrench (refer to note on page 187),
chrome plated. Supplied without ratchet.



Code	⌀"	⌀"	L mm	b mm	a mm	S mm	Δg	
02 50 10 24 NEW	3/8	3/8	39	26	11	24	58	1
02 50 10 28 NEW	7/16	3/8	40	26	11	25	58	1
02 50 10 32 NEW	1/2	3/8	42	30	11	25.8	67	1
02 50 10 34	9/16	3/8	43.4	32	11	26.8	52	1
02 50 10 36	5/8	3/8	45	34.8	11	27.7	58	1
02 50 10 38	11/16	3/8	47.2	38	11	28.6	69	1
02 50 10 40 NEW	3/4	3/8	49	41	11	29.6	96	1
02 50 10 42	13/16	3/8	51	46.4	11	30.5	113	1
02 50 10 44	7/8	3/8	52	48	11	31.3	99	1
02 50 10 46	15/16	3/8	54	51.2	11	32.3	129	1
02 50 10 48	1	3/8	56	53.4	11	33.2	133	1
02 50 10 50	1 1/16	3/8	57	53.8	11	34.1	124	1
02 50 10 52	1 1/8	3/8	59	53.8	11	35	128	1
02 50 10 54 NEW	1 3/16	3/8	60	56	11	35.9	148	1
02 50 10 56	1 1/4	3/8	62	60	11	36.8	153	1
02 50 10 58 NEW	1 5/16	3/8	63	56	11	27.9	160	1
02 50 10 60 NEW	1 3/8	3/8	65	62	11	38.7	180	1
02 50 10 62	1 7/16	3/8	66.5	66	11	39.6	172	1
03 50 10 64	1 1/2	1/2	76	70	16	45	310	1
03 50 10 69	1 13/16	1/2	85	84	16	49.6	400	1
03 50 10 72	2	1/2	89	90	16	52.3	451	1
03 50 10 74	2 1/8	1/2	91.5	92.8	16	54.2	460	1
03 50 10 75	2 3/16	1/2	93	96	16	55.1	480	1
03 50 10 76	2 1/4	1/2	95	99	16	56	500	1



1225 Special extension

3/8" ■, offset

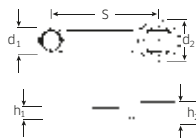


Code	L mm	d mm	Δg	
12 25 00 01	150	17	128	5

447 Adaptor



Caution! Modified settings on torque wrench (refer to note on page 187),
American sizes: SAE AS 954-E, HPQ® high performance steel, gunmetal
finish.



Code	⌀mm	⌀"	d1 mm	d2 mm	h1 mm	h2 mm	S mm	Δg	
02 18 10 07	7	3/8	11.5	19	6	11	50.8	30	1
02 18 10 08	8	3/8	12.4	19	6	11	50.8	30	1
02 18 10 09	9	3/8	14	19	8	11	50.8	40	1
02 18 10 10	10	3/8	15.6	19	8	11	50.8	40	1
02 18 10 13	13	3/8	19.3	19	9.2	11	50.8	55	1

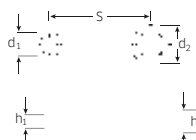
447a Adaptor

Code	⌀mm	⌀"	d1 mm	d2 mm	h1 mm	h2 mm	S mm	Δg	
02 47 00 16	1/4	3/8	10.4	19	6	11	50.8	27	1
02 47 00 20	5/16	3/8	12.4	19	6	11	50.8	29	1
02 47 00 24	3/8	3/8	14.9	19	8	11	50.8	41	1
02 47 00 28	7/16	3/8	17	19	8	11	50.8	40	1
02 47 00 32	1/2	3/8	19	19	9.2	11	50.8	56	1
02 47 00 34	9/16	3/8	21	19	9.2	11	50.8	61	1
02 47 00 36	5/8	3/8	23	19	12	11	50.8	73	1

447aSP Spline-Drive-Adapter



Caution! Modified settings on torque wrench (refer to note on page 187),
MS-33787, MIL-W-8982, HPQ® high performance steel, gunmetal finish.



Code	Spline size	⌀"	⌀mm	d1 mm	d2 mm	h1 mm	h2 mm	S mm	Δg	
02 48 00 14	7	3/8	7/32	9.4	19	6	11	50.8	28	1
02 48 00 16	8	3/8	1/4	10.4	19	6	11	50.8	27	1
02 48 00 18	9	3/8	9/32	11.5	19	6	11	50.8	29	1
02 48 00 20	10	3/8	5/16	12.4	19	6	11	50.8	29	1
02 48 00 24	12	3/8	3/8	14.9	19	8	11	50.8	38	1
02 48 00 28	14	3/8	7/16	17	19	9.2	11	50.8	39	1
02 48 00 32	16	3/8	1/2	19	19	9.2	11	50.8	59	1
02 48 00 34	18	3/8	9/16	21	19	9.2	11	50.8	55	1
02 48 00 36	20	3/8	5/8	23	19	12	11	50.8	74	1

10
3/8"

12.5
1/2"

DIN
3120

ISO
1174-1

3

Empty boxes and trays

No	Box No	mm	Box Code	Tray Code
40/9/4, 40D/9/4	40/9KN	227x131x57	81 25 10 19	83 01 30 12*
40/13/6	40/9KN	227x131x57	81 25 10 19	83 01 20 80*
40/13/6QR	40/9KN	227x131x57	81 25 10 19	83 01 21 82*
40/44/17/5	40/9KN	227x131x57	81 25 10 19	83 01 20 81*
40/44/17/5QR	40/9KN	227x131x57	81 25 10 19	83 02 20 84*
40/23/7, 40D/23/7	45/1KN	322x134x57	81 26 10 11	83 01 20 17*
40/23/6N, 40D/23/6	40/9KN	227x131x57	81 25 10 19	83 01 20 14*
40/24/6	40/9KN	227x131x57	81 25 10 19	83 01 20 82*
40/24/6QR	40/9KN	227x131x57	81 25 10 19	83 01 20 83*
40ma/25/8	45/1KN	322x134x57	81 26 10 11	83 01 20 35*
40/45/36/12	40/7KN	413x230x57	81 25 10 14	83 01 20 10*
40/52/27/11	50/4KN	454x253x64	81 27 10 34	83 01 20 04* 83 01 20 05*
40TX/44KTX/15/6	40/9KN	227x131x57	81 25 10 19	83 01 20 07*
88TX	45/1KN	322x134x57	81 26 10 11	83 02 20 17*
89TX	40/7KN	413x230x57	81 25 10 14	83 09 20 13*
86TX	50/6KN	481x288x82	81 27 10 19	83 01 20 02* 83 01 10 03*
40a/9/4, 40aD/9/4	40/9KN	227x131x57	81 25 10 19	83 01 20 13*
40aD/12/7QR	40/9KN	227x131x57	81 25 10 19	83 01 21 16*
40aD/30/7QR	40/7KN	413x230x57	81 25 10 14	83 01 21 12*
40aD/8/1H	40/9KN	227x131x57	81 25 10 19	83 01 21 07*
4008/27/1R	45/1KN	322x134x57	81 26 10 11	83 18 10 01*
45/11/4, 456/11/4	45/1KN	322x134x57	81 26 10 11	83 02 20 13*
45/14/5i, 456/14/5i	45/1KN	322x134x57	81 26 10 11	83 02 20 80*
45/14/5iQR	45/1KN	322x134x57	81 26 10 11	83 02 20 81*
45/13/5, 456/13/5	45/1KN	322x134x57	81 26 10 11	83 02 20 45*
45ma/28/5	40/7KN	413x230x57	81 25 10 14	83 02 20 27*
45/49/19/5, 456/49/19/5	40/7KN	413x230x57	81 25 10 14	83 02 20 21*
89	50/6KN	481x288x82	81 27 10 19	83 02 11 18*
45/41/9	50/5	530x265x50	81 27 00 05	83 02 02 02
45TX/7			-	83 06 00 15
49TX/8			-	83 06 00 14
45TX/49TX/15/5	40/7KN	413x230x57	81 25 10 14	83 02 20 19*
45/49/32/5TX	40/7KN	413x230x57	81 25 10 14	83 02 20 09*
45a/12/5	45/1KN	322x134x57	81 26 10 11	83 02 20 06*
45a/14/8QR	50/4KN	454x253x64	81 27 10 34	83 02 20 12*

No	Box No	mm	Box Code	Tray Code
45a/22/8QR	50/4KN	454x253x64	81 27 10 34	83 02 21 12*
45a/33/13	50/5	530x265x50	81 27 00 05	83 02 02 13
52/9/3	50/3KN	413x226x64	81 27 10 13	83 03 14 25*
50/12/3, 52/12/3	50/3KN	413x226x64	81 27 10 13	83 03 14 12*
54/10	40/9KN	227x131x57	81 25 10 19	83 03 24 03*
54/12	45/1KN	322x134x57	81 26 10 11	83 03 44 09*
54CV/9	40/9KN	227x131x57	81 25 10 19	83 03 34 09*
3054X/54X/8	40/9KN	227x131x57	81 25 10 19	83 03 36 12*
54/8/4	40/7KN	413x230x57	81 25 10 14	83 03 34 13*
52/16/5	50/4KN	454x253x64	81 27 10 34	83 03 54 09*
50/16/6, 52/16/6	50/4KN	454x253x64	81 27 10 34	83 03 24 80*
52/16/6QR	50/4KN	454x253x64	81 27 10 34	83 03 24 81*
50/22/6, 52/22/6	50/4KN	454x253x64	81 27 10 34	83 03 14 07*
50ma/39/6N	50/5	530x265x50	81 27 00 05	83 03 14 26
50/54/25/6, 52/54/25/6	50/4KN	454x253x64	81 27 10 34	83 03 24 17*
50/43/7	50/5	530x265x50	81 27 00 05	83 03 05 11
87, 876	50/6KN	481x288x82	81 27 10 19	83 09 31 11* 83 09 32 11*
50TX/7			-	83 06 00 09
50TX/8	40/9KN	227x131x57	81 25 10 19	83 03 34 11*
54TX/9			-	83 06 00 10
54TX/10	40/9KN	227x131x57	81 25 10 19	83 03 24 02*
54TX/59TX/12/1	40/7KN	413x230x57	81 25 10 14	83 06 10 12*
54TXB/9			-	83 06 00 10
54TXB/10	40/9KN	227x131x57	81 25 10 19	83 03 24 02*
50TX/16/5	50/3KN	413x226x64	81 27 10 13	83 03 24 13*
876TX	50/6KN	481x288x82	81 27 10 19	83 09 20 11*
50a/17/6	50/4KN	454x253x64	81 27 10 34	83 03 14 41*
87a	50/6KN	481x288x82	81 27 10 19	83 09 11 12* 83 09 12 12*
55/10/6	55/7	575x220x86	81 29 00 08	83 04 00 02
55/9/6N	55/7	575x220x86	81 29 00 08	83 04 00 01
55a/10/5	55/6	520x160x86	81 29 00 07	83 04 00 03
55a/16/6	55/7	575x220x86	81 29 00 08	83 04 00 04
60/6/6/882	60/1	785x173x90	81 30 00 01	-
60/8/6/882	60/2	785x200x122	81 30 00 02	-
12171/19/4 VDE 12179/9/4 VDE	50/6KN VDE	481x288x82	81 27 20 19	-

* The code numbers of these inlays are applicable only to the new plastic cases.

 Made in Germany



Do you need empty cases?

If so, include the appropriate hard-foam inlays from STAHLWILLE in your order. Together with the new tool cases, they ensure an exact fit and, as a result, excellent protection for your tools.