

12 Point socket, deep

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725-1
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finis
- Chrome vanadium



	⌀	⌀	D1	D2	L	T	⊖
	mm	mm	mm	mm	mm	mm	
917.1261	10.0		16.0	23.0	77.0	12.0	88
917.1285	11.0		17.0	17.0	76.0	13.0	110
917.1262	12.0		18.0	23.0	77.0	14.0	102
917.1263	13.0		19.0	23.0	77.0	16.0	109
917.1264	14.0		21.0	23.0	77.0	17.0	112
917.1265	15.0		22.0	23.0	77.0	17.0	105
917.1266	16.0		23.0	24.0	77.0	18.0	98
917.1267	17.0		24.0	24.0	77.0	18.0	140
917.1268	18.0		26.0	25.0	82.0	20.0	145
917.1269	19.0		27.0	26.0	82.0	22.0	139
917.1286	20.0		27.0	28.0	76.0	17.0	150
917.1270	21.0		29.0	29.0	82.0	24.0	156
917.1271	22.0		31.0	29.0	82.0	24.0	200
917.1272	24.0		33.0	29.0	82.0	26.0	250
917.1273	27.0		37.0	30.0	82.0	30.0	268
917.1274	30.0		41.0	33.0	82.0	33.0	333
917.1275	32.0		43.0	35.0	82.0	36.0	371
917.1276	34.0		46.0	37.0	82.0	37.0	455
917.1287		3/8"	15.0	16.0	76.0	13.0	90
917.1288		7/16"	17.0	17.0	76.0	13.0	100
917.1277		1/2"	19.0	23.0	77.0	16.0	109
917.1278		9/16"	21.0	23.0	77.0	17.0	112
917.1279		5/8"	23.0	24.0	77.0	18.0	94
917.1280		11/16"	25.0	25.0	77.0	18.0	122
917.1281		3/4"	27.0	26.0	82.0	22.0	139
917.1282		13/16"	29.0	29.0	82.0	22.0	156
917.1283		7/8"	31.0	29.0	82.0	24.0	179
917.1284		15/16"	33.0	29.0	82.0	26.0	250
917.1289		1"	35.0	34.0	76.0	19.0	270

12 Point socket set, deep

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725-1
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- Long execution
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



	⊖
917.1750	10 pcs 10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 mm 1.50

CHROMEplus® 12 Point socket

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725-1
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	⌀	⌀	D1	D2	L	T	⊖
	mm	mm	mm	mm	mm	mm	
918.1316	8.0		13.0	23.0	38.0	7.0	45
918.1327	9.0		14.0	23.0	38.0	8.0	48
918.1328	10.0		16.0	23.0	38.0	14.0	50
918.1329	11.0		17.0	23.0	38.0	13.0	53
918.1331	12.0		18.0	23.0	38.0	13.0	55
918.1332	13.0		19.0	23.0	38.0	13.0	60
918.1333	14.0		21.0	23.0	38.0	13.0	62
918.1334	15.0		22.0	24.0	40.0	15.0	65
918.1337	16.0		23.0	24.0	40.0	15.0	68
918.1338	17.0		24.0	23.0	40.0	15.0	70
918.1339	18.0		26.0	23.0	40.0	17.0	72
918.1341	19.0		27.0	24.0	40.0	17.0	80
918.1342	20.0		28.0	26.0	42.0	17.0	85
918.1343	21.0		29.0	26.0	42.0	19.0	95
918.1344	22.0		31.0	26.0	42.0	19.0	100
918.1345	23.0		32.0	28.0	42.0	19.0	105
918.1346	24.0		33.0	28.0	42.0	19.0	110
918.1347	25.0		34.0	29.0	42.0	19.0	120
918.1348	26.0		36.0	29.0	42.0	19.0	130
918.1351	27.0		37.0	30.0	42.0	19.0	150
918.1352	28.0		38.0	31.0	43.0	20.0	165
918.1353	29.0		39.0	31.0	43.0	20.0	180
918.1354	30.0		41.0	33.0	43.0	21.0	200
918.1355	31.0		42.5	28.0	47.0	22.0	210
918.1356	32.0		43.0	35.0	45.0	23.0	210
918.1357	33.0		44.5	45.0	47.0	22.0	215
918.1359	34.0		46.0	37.0	45.0	23.0	260
918.1361	36.0		48.0	38.0	45.0	23.0	260
918.1362		5/16"	13.0	23.0	38.0	7.0	45
918.1363		11/32"	14.0	23.0	38.0	8.0	48
918.1364		3/8"	15.0	23.0	38.0	15.0	58
918.1366		13/32"	16.0	23.0	38.0	14.0	50
918.1371		7/16"	17.0	23.0	38.0	13.0	53
918.1373		1/2"	19.0	23.0	38.0	13.0	60
918.1375		9/16"	21.0	23.0	38.0	13.0	62
918.1376		19/32"	22.0	24.0	40.0	15.0	65
918.1378		5/8"	23.0	24.0	40.0	15.0	68
918.1379		11/16"	25.0	23.0	40.0	17.0	70
918.1381		3/4"	27.0	24.0	40.0	17.0	80
918.1383		25/32"	28.0	25.0	40.0	17.0	85
918.1384		13/16"	29.0	26.0	42.0	19.0	95
918.1387		7/8"	31.0	27.0	42.0	19.0	100
918.1388		15/16"	33.0	28.0	42.0	19.0	110
918.1389		1"	35.0	29.0	42.0	19.0	123
918.1394		1.1/16"	37.0	30.0	42.0	19.0	150
918.1396		1.1/8"	39.0	31.0	43.0	20.0	180
918.1397		1.3/16"	41.0	33.0	43.0	21.0	200
918.1398		1.1/4"	43.0	35.0	45.0	23.0	210

CHROMEplus® 12 Point socket set

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725-1
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	⊖
918.0655	10 pcs 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm 0.72

CHROMEplus® 12 Point socket, deep

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725-1
- Internal square to DIN 3120 / ISO 1174 with ball reception
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	⌀	⌀	D1	D2	L	T	⊖
	mm	mm	mm	mm	mm	mm	
918.1666	10.0		16.0	16.0	76.0	13.0	110
918.1668	11.0		17.0	17.0	76.0	13.0	110
918.1678	12.0		18.0	18.0	76.0	13.0	110
918.1679	13.0		19.0	19.0	76.0	13.0	120
918.1683	14.0		21.0	21.0	76.0	13.0	120
918.1684	15.0		22.0	22.0	76.0	15.0	140
918.1698	16.0		23.0	24.0	76.0	15.0	140
918.1711	17.0		24.0	24.0	76.0	15.0	140
918.1712	18.0		26.0	26.0	76.0	17.0	150
918.1713	19.0		27.0	27.0	76.0	17.0	150
918.1714	20.0		27.0	28.0	76.0	17.0	150
918.1715	21.0		27.0	28.0	76.0	19.0	190
918.1716	22.0		28.0	30.0	76.0	19.0	200
918.1717	24.0		30.0	32.0	76.0	19.0	250
918.1718	27.0		34.0	36.0	76.0	19.0	280
918.1719	30.0		35.0	37.0	76.0	21.0	300
918.1731	32.0		36.0	38.0	76.0	23.0	310
918.1734	34.0		45.0	36.5	76.0	37.0	430
918.1735		3/8"	15.0	16.0	76.0	13.0	90
918.1736		7/16"	17.0	17.0	76.0	13.0	100
918.1737		1/2"	19.0	19.0	76.0	13.0	120
918.1285		9/16"	21.0	21.0	76.0	13.0	109
918.1284		5/8"	22.5	24.0	76.0	16.0	120
918.1286		11/16"	25.0	24.0	76.0	17.0	150
918.1287		3/4"	30.0	27.0	76.0	17.0	180
918.1288		13/16"	28.5	28.5	76.0	22.0	195
918.1289		7/8"	31.0	30.0	76.0	19.0	240
918.1738		15/16"	33.0	32.0	76.0	19.0	212
918.1298		1"	35.0	34.0	76.0	19.0	270

CHROMEplus® 12 Point socket set, deep

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	⊖
918.0660	10 pcs 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm 0.74



TX E Socket

- TX E
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finis
- Chrome vanadium



		L mm	D1 mm	D2 mm	T mm	
911.4333	E10	38.0	14.0	23.0	16.0	50
911.4334	E11	38.0	14.0	23.0	16.0	50
911.4335	E12	38.0	16.0	23.0	16.0	55
911.4336	E14	38.0	17.0	23.0	13.0	55
911.4322	E16	38.0	19.0	23.0	13.0	60
911.4323	E18	40.0	21.0	25.0	14.0	65
911.4324	E20	40.0	24.0	25.0	14.0	70
911.4325	E22	40.0	26.0	25.0	14.0	80
911.4326	E24	42.0	29.0	26.0	16.0	85

TX E Socket set

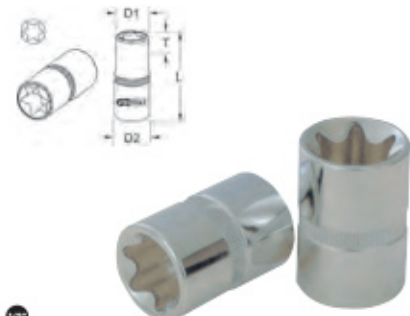
- TX E
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finis
- Chrome vanadium
- In durable metal case



911.4410	9 pcs	E10 - E11 - E12 - E14 - E16 - E18 - E20 - E22 - E24	1,00

CHROMEplus® TX E Socket

- TX E
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		L mm	D1 mm	D2 mm	T mm	
918.1276	E10	38.0	14.0	23.0	16.0	50
918.1733	E11	38.0	14.0	23.0	16.0	50
918.1278	E12	38.0	16.0	23.0	16.0	55
918.1277	E14	38.0	17.0	23.0	13.0	55
918.1280	E16	38.0	19.0	23.0	13.0	60
918.1281	E18	40.0	21.0	25.0	14.0	65
918.1282	E20	40.0	24.0	25.0	14.0	70
918.1294	E22	40.0	26.0	25.0	14.0	80
918.1295	E24	42.0	29.0	26.0	16.0	85

CHROMEplus® TX E Socket set

- TX E
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- In durable metal case



918.4410	9 pcs	E10 - E11 - E12 - E14 - E16 - E18 - E20 - E22 - E24	1,00

TX E Socket, deep

- TX E
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finis
- Chrome vanadium



		L mm	D1 mm	D2 mm	T mm	
911.4423	E10	78.0	14.0	25.0	8.0	100
911.4424	E11	78.0	15.0	25.0	12.0	100
911.4425	E12	78.0	16.0	25.0	12.0	110
911.4426	E14	78.0	17.0	25.0	13.0	100
911.4427	E16	78.0	18.0	25.0	14.0	115
911.4428	E18	78.0	20.0	25.0	16.0	130
911.4429	E20	78.0	24.0	25.0	17.0	160
911.4430	E22	78.0	26.0	25.0	17.0	195
911.4431	E24	78.0	28.0	25.0	18.0	230

TX E Socket set, deep

- TX E
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finis
- Chrome vanadium
- In durable plastic case



911.4420	8 pcs	E10 - E12 - E14 - E16 - E18 - E20 - E22 - E24	1,00

CHROMEplus® TX E Socket, deep

- TX E
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		L mm	D1 mm	D2 mm	T mm	
918.1761	E10	78.0	14.0	25.0	8.0	100
918.1762	E11	78.0	15.0	25.0	12.0	100
918.1763	E12	78.0	16.0	25.0	12.0	110
918.1764	E14	78.0	17.0	25.0	13.0	100
918.1765	E16	78.0	18.0	25.0	14.0	115
918.1766	E18	78.0	20.0	25.0	16.0	130
918.1767	E20	78.0	24.0	25.0	17.0	160
918.1768	E22	78.0	26.0	25.0	17.0	195
918.1769	E24	78.0	28.0	25.0	18.0	230



CHROMEplus® TX E Socket set, deep

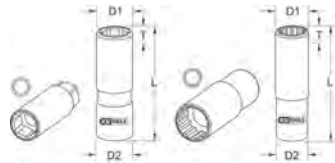
- TX E
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



918.4420	8 pcs	E10 - E12 - E14 - E16 - E18 - E20 - E22 - E24	1,00

Socket for spark plugs

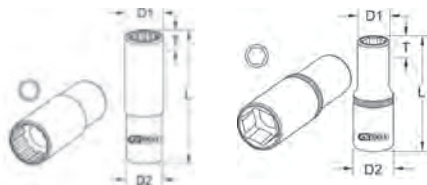
- DIN 3124 / ISO 3315
- Internal square to DIN 3120 / ISO 1174 with ball reception
- With rubber stop for holding the sparks plugs
- Long execution
- For manual operation
- Matt finish
- Chrome vanadium



	Profile	mm	D1 mm	D2 mm	L mm	T mm	kg
911.1590		14.0	22.0	22.0	65.0	16.0	60
911.1205		16.0	22.0	22.0	65.0	26.0	60
911.1512		18.0	26.0	21.0	65.0	23.0	60
911.1206		21.0	28.0	24.0	65.0	26.0	60
911.1513		13/16"	28.0	24.0	65.0	23.0	60
911.1514		5/8"	22.0	22.0	65.0	18.0	60

CHROMEplus® spark plug-socket

- DIN 3124 / ISO 3315
- Internal square to DIN 3120 / ISO 1174 with ball reception
- With rubber stop for holding the sparks plugs
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	Profile	mm	D1 mm	D2 mm	L mm	T mm	kg
918.1390		14.0	22.0	22.0	65.0	16.0	60
918.1205		16.0	22.0	22.0	65.0	26.0	60
918.1207		18.0	26.0	21.0	65.0	23.0	60
918.1206		21.0	28.0	24.0	65.0	26.0	60
918.1391		5/8"	28.0	24.0	65.0	23.0	60
918.1392		13/16"	22.0	22.0	65.0	18.0	60



1/2" BIT SOCKETS

Bit socket for slotted screws

- Slotted
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fitted nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



	mm	D mm	L mm	T mm	kg	
917.1391		6.5	23.0	60.0	22.0	50
917.1392		8.0	23.0	60.0	22.0	55
917.1393		10.0	23.0	60.0	22.0	60
917.1394		12.0	23.0	60.0	22.0	65
917.1395		14.0	25.0	60.0	20.0	80
917.1396		16.0	28.0	60.0	20.0	95
917.1311		18.0	27.0	60.0	20.0	110

CHROMEplus® Bit socket for slotted screws

- Slotted
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fitted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D mm	L mm	T mm	kg	
918.1790		7.0	23.0	60.0	22.0	50
918.1791		8.0	23.0	60.0	22.0	55
918.1792		10.0	23.0	60.0	22.0	60
918.1793		12.0	23.0	60.0	22.0	65
918.1794		14.0	25.0	60.0	20.0	80
918.1795		16.0	28.0	60.0	20.0	95
918.1796		18.0	27.0	60.0	20.0	110

Bit socket for phillips screws PH

- PH
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fitted nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



		D mm	L mm	T mm	kg
917.1397	PH 1	24.0	55.0	18.0	80
917.1398	PH 2	24.0	55.0	18.0	80
917.1399	PH 3	24.0	55.0	18.0	80
917.1301	PH 4	24.0	55.0	18.0	80

CHROMEplus® Bit socket for phillips screws PH

- PH
- For Phillips head screw
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fitted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	kg
918.1635	PH 1	24.0	55.0	18.0	80
918.1636	PH 2	24.0	55.0	18.0	80
918.1637	PH 3	24.0	55.0	18.0	80
918.1739	PH 4	24.0	55.0	18.0	80

Bit socket for phillips screws PH, long

- PH
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fitted nickel plated insert bit
- Long execution
- For manual operation
- Matt finish
- Chrome vanadium



		D mm	L mm	T mm	kg
917.1388	PH 1	22.0	110.0	72.0	120
917.1389	PH 2	22.0	110.0	72.0	120
917.1390	PH 3	22.0	110.0	72.0	120
917.1302	PH 4	22.0	110.0	72.0	125

CHROMEplus® Bit socket for phillips screws PH, long

- PH
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fitted nickel plated insert bit
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	kg
918.1685	PH 1	22.0	110.0	72.0	120
918.1686	PH 2	22.0	110.0	72.0	120
918.1687	PH 3	22.0	110.0	72.0	120
918.1756	PH 4	22.0	110.0	72.0	125

Bit socket for phillips screws PZ

- PZ
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	
917.1697	PZ 1	24.0	55.0	18.0	80
917.1698	PZ 2	24.0	55.0	18.0	80
917.1699	PZ 3	24.0	55.0	18.0	80
917.1303	PZ 4	24.0	55.0	18.0	85



CHROMEplus® Bit socket for phillips screws PZ

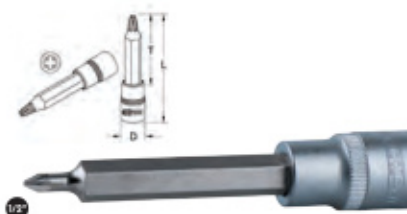
- PZ
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	
918.1680	PZ 1	24.0	55.0	18.0	70
918.1681	PZ 2	24.0	55.0	18.0	70
918.1682	PZ 3	24.0	55.0	18.0	70
918.1757	PZ 4	24.0	55.0	18.0	85

Bit socket for phillips screws PZ, long

- PZ
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- Long execution
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	
917.1325	PZ 1	21.0	110.0	72.0	110
917.1326	PZ 2	21.0	110.0	72.0	110
917.1327	PZ 3	21.0	110.0	72.0	110
917.1305	PZ 4	21.0	110.0	72.0	110

CHROMEplus® Bit socket for phillips screws PZ, long

- PZ
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	
918.1688	PZ 1	22.0	110.0	72.0	110
918.1689	PZ 2	22.0	110.0	72.0	110
918.1690	PZ 3	22.0	110.0	72.0	110
918.1758	PZ 4	21.0	110.0	72.0	110

Bit socket for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	
911.1304	4.0	22.0	55.0	17.0	90
911.1305	5.0	22.0	55.0	17.0	90
911.1306	6.0	22.0	55.0	17.0	90
911.1307	7.0	22.0	55.0	17.0	90
911.1308	8.0	22.0	55.0	17.0	90
911.1309	9.0	22.0	55.0	17.0	90
911.1310	10.0	22.0	55.0	17.0	90
911.1312	12.0	22.0	55.0	17.0	100
911.1314	14.0	22.0	55.0	17.0	120
911.1317	17.0	22.0	55.0	17.0	150
911.1319	19.0	22.0	55.0	17.0	200
911.1322	22.0	22.0	55.0	17.0	200
911.1324	24.0	22.0	55.0	17.0	200
917.1316	3/16"	22.0	55.0	17.0	60
917.1317	7/32"	22.0	55.0	17.0	70
917.1318	1/4"	22.0	55.0	17.0	70
917.1319	9/32"	22.0	55.0	17.0	70
917.1320	5/16"	22.0	55.0	17.0	85
917.1321	3/8"	22.0	55.0	17.0	90
917.1322	1/2"	22.0	55.0	17.0	100
917.1323	9/16"	22.0	55.0	17.0	110
917.1324	5/8"	22.0	55.0	17.0	150

Bit socket set for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



911.1320	7 pcs 5 - 6 - 7 - 8 - 10 - 12 - 14 mm 0.65

Bit socket set for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- In durable metal case



911.1321	9 pcs 4 - 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 mm 2.30

CHROMEplus® Bit socket for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	
918.1604	4.0	22.0	55.0	17.0	70
918.1605	5.0	22.0	55.0	17.0	70
918.1606	6.0	22.0	55.0	17.0	70
918.1607	7.0	22.0	55.0	17.0	70
918.1608	8.0	22.0	55.0	17.0	70
918.1609	9.0	22.0	55.0	17.0	70
918.1610	10.0	22.0	55.0	17.0	80
918.1612	12.0	22.0	55.0	17.0	100
918.1614	14.0	22.0	55.0	17.0	110
918.1617	17.0	22.0	55.0	17.0	150
918.1619	19.0	22.0	55.0	17.0	170
918.1631	22.0	22.0	55.0	17.0	180
918.1633	24.0	22.0	55.0	17.0	190
918.1701	3/16"	22.0	55.0	17.0	60
918.1702	7/32"	22.0	55.0	17.0	70
918.1703	1/4"	22.0	55.0	17.0	70
918.1704	9/32"	22.0	55.0	17.0	70
918.1705	5/16"	22.0	55.0	17.0	85
918.1706	3/8"	22.0	55.0	17.0	90
918.1707	1/2"	22.0	55.0	17.0	100
918.1708	9/16"	22.0	55.0	17.0	110
918.1709	5/8"	22.0	55.0	17.0	150

CHROMEplus® Bit socket set for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



918.1335	7 pcs 5 - 6 - 7 - 8 - 10 - 12 - 14 mm 0.65

CHROMEplus® Bit socket set for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- In durable metal case

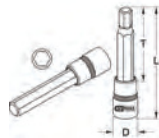


1/2"

Part No.	Quantity	Bit Sizes (mm)	Weight (kg)
918.1330	9 pcs	4 - 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 mm	2.30

Bit socket for hexagon screws, long

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



1/2"

Part No.	mm	D mm	L mm	T mm	Weight (kg)
917.1331	4.0	22.0	110.0	72.0	120
911.1325	5.0	22.0	110.0	72.0	120
911.1326	6.0	22.0	110.0	72.0	120
911.1327	7.0	22.0	110.0	72.0	120
911.1328	8.0	22.0	110.0	72.0	120
911.1329	9.0	22.0	110.0	72.0	120
911.1330	10.0	22.0	110.0	72.0	120
911.1332	12.0	22.0	110.0	72.0	140
917.1332	14.0	22.0	110.0	72.0	180
911.1337	17.0	22.0	110.0	72.0	260
911.1339	19.0	22.0	110.0	72.0	400

Bit socket set for hexagon screws, long

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



1/2"

Part No.	Quantity	Bit Sizes (mm)	Weight (kg)
911.1336	6 pcs	5 - 6 - 7 - 8 - 10 - 12 mm	0.75

CHROMEplus® Bit socket for hexagon screws, long

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



1/2"

Part No.	mm	D mm	L mm	T mm	Weight (kg)
918.1654	4.0	22.0	110.0	72.0	120
918.1655	5.0	22.0	110.0	72.0	120
918.1656	6.0	22.0	110.0	72.0	120
918.1657	7.0	22.0	110.0	72.0	120
918.1658	8.0	22.0	110.0	72.0	120
918.1659	9.0	22.0	110.0	72.0	130
918.1660	10.0	22.0	110.0	72.0	130
918.1662	12.0	22.0	110.0	72.0	150
918.1664	14.0	22.0	110.0	72.0	180
918.1667	17.0	22.0	110.0	72.0	260
918.1669	19.0	22.0	110.0	72.0	290

CHROMEplus® Bit socket set for hexagon screws, long

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



1/2"

Part No.	Quantity	Bit Sizes (mm)	Weight (kg)
918.1336	6 pcs	5 - 6 - 7 - 8 - 10 - 12 mm	0.88

Bit socket for hexagon screws with ball end, long

- Ball end hexagon socket
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted insert bit
- For manual operation
- Matt finis
- Chrome vanadium



1/2"

Part No.	mm	D mm	L mm	T mm	Weight (kg)
911.1655	5.0	22.0	110.0	72.0	108
911.1656	6.0	22.0	110.0	72.0	108
911.1657	7.0	22.0	110.0	72.0	108
911.1658	8.0	22.0	110.0	72.0	110
911.1659	9.0	22.0	110.0	72.0	130
911.1660	10.0	22.0	110.0	72.0	130
911.1662	12.0	22.0	110.0	72.0	138
911.1667	17.0	22.0	110.0	72.0	249
911.1669	19.0	22.0	110.0	72.0	302

Bit socket set for hexagon screws, long

- For Hexagon screws
- With ball end
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail

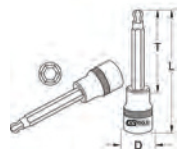


1/2"

Part No.	Quantity	Bit Sizes (mm)	Weight (kg)
911.1650	6 pcs	5 - 6 - 7 - 8 - 10 - 12 mm	0.88

CHROMEplus® Bit socket for hexagon screws with ball end, long

- Ball end hexagon socket
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



1/2"

Part No.	mm	D mm	L mm	T mm	Weight (kg)
918.1771	5.0	22.0	110.0	72.0	104
918.1772	6.0	22.0	110.0	72.0	105
918.1773	7.0	22.0	110.0	72.0	106
918.1774	8.0	22.0	110.0	72.0	107
918.1775	9.0	22.0	110.0	72.0	130
918.1776	10.0	22.0	110.0	72.0	130
918.1777	12.0	22.0	110.0	72.0	138
918.1778	17.0	22.0	110.0	72.0	248
918.1779	19.0	22.0	110.0	72.0	300

CHROMEplus® Bit socket set for hexagon screws, long

- For Hexagon screws
- With ball end
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



1/2"

Part No.	Quantity	Bit Sizes (mm)	Weight (kg)
918.1665	6 pcs	5 - 6 - 7 - 8 - 10 - 12 mm	0.88

Bit socket for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	Ⓜ
917.1333	T10	22.0	55.0	17.0	80
917.1334	T15	22.0	55.0	17.0	80
911.1361	T20	22.0	55.0	17.0	70
911.1362	T25	22.0	55.0	17.0	700
911.1363	T27	22.0	55.0	17.0	710
911.1364	T30	22.0	55.0	17.0	710
911.1365	T40	22.0	55.0	17.0	730
911.1366	T45	22.0	55.0	17.0	90
911.1367	T50	22.0	55.0	17.0	90
911.1368	T55	22.0	55.0	17.0	770
911.1369	T60	22.0	55.0	17.0	90
911.1370	T70	22.0	55.0	17.0	110

Bit socket set for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fi ted insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- In durable steel storage case



			Ⓜ
911.1385	9 pcs	T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	1.50

CHROMEplus® Bit socket for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	Ⓜ
918.1620	T10	22.0	55.0	17.0	67
918.1621	T15	22.0	55.0	17.0	67
918.1622	T20	22.0	55.0	17.0	67
918.1623	T25	22.0	55.0	17.0	67
918.1624	T27	22.0	55.0	17.0	67
918.1625	T30	22.0	55.0	17.0	68
918.1626	T40	22.0	55.0	17.0	69
918.1627	T45	22.0	55.0	17.0	70
918.1628	T50	22.0	55.0	17.0	70
918.1629	T55	22.0	55.0	17.0	73
918.1630	T60	22.0	55.0	17.0	86
918.1632	T70	22.0	55.0	17.0	110

CHROMEplus® Bit socket set for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- In durable metal case



			Ⓜ
918.1385	9 pcs	T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	1.50

Bit socket for TX screws, long

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	Ⓜ
911.1518	T10	22.0	110.0	72.0	100
911.1519	T15	22.0	110.0	72.0	100
911.1521	T20	22.0	110.0	72.0	110
911.1522	T25	22.0	110.0	72.0	110
911.1523	T27	22.0	110.0	72.0	110
911.1524	T30	22.0	110.0	72.0	108
911.1525	T40	22.0	110.0	72.0	110
911.1526	T45	22.0	110.0	72.0	120
911.1527	T50	22.0	110.0	72.0	111
911.1528	T55	22.0	110.0	72.0	120
911.1529	T60	22.0	110.0	72.0	120
911.1517	T70	22.0	110.0	72.0	120

Bit socket set for TX screws, long

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



			Ⓜ
911.1520	9 pcs	T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	1.24

CHROMEplus® Bit socket for TX screws, long

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	Ⓜ
918.1640	T10	22.0	110.0	72.0	120
918.1641	T15	22.0	110.0	72.0	120
918.1642	T20	22.0	110.0	72.0	120
918.1643	T25	22.0	110.0	72.0	120
918.1644	T27	22.0	110.0	72.0	120
918.1645	T30	22.0	110.0	72.0	120
918.1646	T40	22.0	110.0	72.0	120
918.1647	T45	22.0	110.0	72.0	120
918.1648	T50	22.0	110.0	72.0	120
918.1649	T55	22.0	110.0	72.0	130
918.1650	T60	22.0	110.0	72.0	150
918.1651	T70	22.0	110.0	72.0	180

CHROMEplus® Bit socket set for TX screws, long

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



			Ⓜ
918.1317	9 pcs	T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	1.24

Bit socket for TX tamperproof screws

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	Ⓜ
917.1335	TB10	22.0	55.0	17.0	65
917.1336	TB15	22.0	55.0	17.0	66
911.1371	TB20	22.0	55.0	17.0	90
911.1372	TB25	22.0	55.0	17.0	90
911.1373	TB27	22.0	55.0	17.0	90
911.1374	TB30	22.0	55.0	17.0	90
911.1375	TB40	22.0	55.0	17.0	90
911.1376	TB45	22.0	55.0	17.0	90
911.1377	TB50	22.0	55.0	17.0	90
911.1378	TB55	22.0	55.0	17.0	90
911.1379	TB60	22.0	55.0	17.0	90
911.1380	TB70	22.0	55.0	17.0	107

Bit socket set for TX tamperproof screws

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- In durable metal case



1/2"				
911.1386	9 pcs	TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55 - TB60	1.50	

CHROMEplus® Bit socket for TX tamperproof screws

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	
918.1720	TB10	18.0	55.0	24.0	80
918.1721	TB15	18.0	55.0	24.0	80
918.1722	TB20	18.0	55.0	24.0	68
918.1723	TB25	18.0	55.0	24.0	68
918.1724	TB27	18.0	55.0	24.0	68
918.1725	TB30	18.0	55.0	24.0	68
918.1726	TB40	18.0	55.0	24.0	69
918.1727	TB45	18.0	55.0	24.0	70
918.1728	TB50	18.0	55.0	24.0	70
918.1729	TB55	18.0	55.0	24.0	72
918.1730	TB60	18.0	55.0	24.0	84
918.1732	TB70	18.0	55.0	24.0	107

CHROMEplus® Bit socket set for TX tamperproof screws

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium metal steel storage case



1/2"				
918.1386	9 pcs	TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55 - TB60	1.50	

Bit socket for TX tamperproof screws, long

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	
917.1291	TB10	22.0	110.0	72.0	115
917.1292	TB15	22.0	110.0	72.0	115
917.1293	TB20	22.0	110.0	72.0	120
917.1294	TB25	22.0	110.0	72.0	120
917.1295	TB27	22.0	110.0	72.0	120
917.1296	TB30	22.0	110.0	72.0	130
917.1297	TB40	22.0	110.0	72.0	130
917.1298	TB45	22.0	110.0	72.0	130
917.1299	TB50	22.0	110.0	72.0	150
917.1251	TB55	22.0	110.0	72.0	150
917.1253	TB60	22.0	110.0	72.0	150
917.1304	TB70	22.0	110.0	72.0	155

Bit socket set for TX tamperproof screws, long

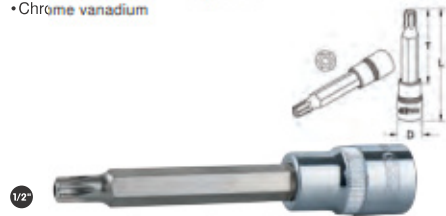
- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



1/2"				
917.1790	9 pcs	TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55 - TB60	1.50	

CHROMEplus® Bit socket for TX tamperproof screws, long

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	
918.1740	TB10	22.0	110.0	72.0	115
918.1741	TB15	22.0	110.0	72.0	115
918.1742	TB20	22.0	110.0	72.0	120
918.1743	TB25	22.0	110.0	72.0	120
918.1744	TB27	22.0	110.0	72.0	120
918.1745	TB30	22.0	110.0	72.0	130
918.1746	TB40	22.0	110.0	72.0	130
918.1747	TB45	22.0	110.0	72.0	130
918.1748	TB50	22.0	110.0	72.0	150
918.1749	TB55	22.0	110.0	72.0	150
918.1750	TB60	22.0	110.0	72.0	150
918.1759	TB70	22.0	110.0	72.0	155

CHROMEplus® Bit socket set for TX tamperproof screws, long

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- With press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



1/2"				
918.1890	9 pcs	TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55 - TB60	1.50	

Bit socket for spline (XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	
911.1340	M5	22.0	55.0	17.0	80
911.1341	M6	22.0	55.0	17.0	80
911.1347	M7	22.0	55.0	17.0	85
911.1342	M8	22.0	55.0	17.0	90
911.1313	M9	22.0	55.0	17.0	95
911.1343	M10	22.0	55.0	17.0	100
911.1344	M12	22.0	55.0	17.0	100
911.1345	M14	22.0	55.0	17.0	110
911.1346	M16	22.0	55.0	17.0	140

Bit socket for spline (XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



1/2"				
911.1349	6 pcs	M5 - M6 - M8 - M10 - M12 - M14	0.59	

CHROMEplus® Bit socket for spline (XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



1/2"

		D mm	L mm	T mm	⌀
918.1671	M5	22.0	55.0	17.0	70
918.1672	M6	22.0	55.0	17.0	70
918.1673	M8	22.0	55.0	17.0	70
918.1797	M9	22.0	55.0	17.0	95
918.1674	M10	22.0	55.0	17.0	80
918.1675	M12	22.0	55.0	17.0	100
918.1676	M14	22.0	55.0	17.0	110
918.1677	M16	22.0	55.0	17.0	140

CHROMEplus® Bit socket set for spline (XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



1/2"

					⌀
918.1349	6 pcs	M5 - M6 - M8 - M10 - M12 - M14			0.59

Bit socket for spline (XZN®) screws, long

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



1/2"

		D mm	L mm	T mm	⌀
911.1350	M5	22.0	110.0	72.0	107
911.1351	M6	22.0	110.0	72.0	109
911.1352	M8	22.0	110.0	72.0	109
911.1359	M9	22.0	110.0	72.0	112
911.1353	M10	22.0	110.0	72.0	112
911.1354	M12	22.0	110.0	72.0	138
911.1355	M14	22.0	110.0	72.0	179
911.1356	M16	22.0	110.0	72.0	250

Bit socket set for spline (XZN®) screws, long

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



1/2"

					⌀
911.1358	6 pcs	M5 - M6 - M8 - M10 - M12 - M14			0.75

CHROMEplus® Bit socket for spline (XZN®) screws, long

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- With press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



1/2"

		D mm	L mm	T mm	⌀
918.1691	M5	22.0	110.0	72.0	120
918.1692	M6	22.0	110.0	72.0	120
918.1693	M8	22.0	110.0	72.0	120
918.1699	M9	22.0	110.0	72.0	130
918.1694	M10	22.0	110.0	72.0	120
918.1695	M12	22.0	110.0	72.0	150
918.1696	M14	22.0	110.0	72.0	180
918.1697	M16	22.0	110.0	72.0	190

CHROMEplus® Bit socket set for spline (XZN®) screws, long

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



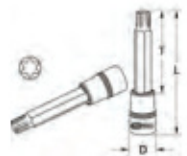
1/2"

					⌀
918.1358	6 pcs	M5 - M6 - M8 - M10 - M12 - M14			0.93



Bit socket for RIBE® screws, long

- RIBE®
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



1/2"

		D mm	L mm	D mm	T mm	⌀
911.1921	M5	110.0	22.0	10.0	108	
911.1922	M6	110.0	22.0	10.0	108	
911.1923	M7	110.0	22.0	10.0	109	
911.1993	M7	240.0	22.0	10.0	175	
911.1924	M8	110.0	22.0	10.0	109	
911.1994	M8	240.0	22.0	10.0	175	
911.1925	M9	110.0	22.0	10.0	112	
911.1926	M10	110.0	22.0	10.0	112	
911.1980	M10	140.0	22.0	10.0	194	
911.1995	M12	110.0	24.0	14.0	175	
911.1996	M13	110.0	24.0	14.0	175	
911.1997	M14	110.0	24.0	14.0	175	

Bit socket set for RIBE® screws, long

- For tamperproof RIBE® profil
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



1/2"

					⌀
911.1335	9 pcs	M5 - M6 - M7 - M8 - M9 - M10 - M12 - M13 - M14			1.20

CHROMEplus® RIBE® Bit socket, long

- For RIBE® profil
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	D	D mm	L mm	T mm	
918.1806	M5	22.0	110.0	10.0	103
918.1807	M6	22.0	110.0	10.0	104
918.1808	M7	22.0	110.0	10.0	105
918.1811	M7	22.0	240.0	10.0	175
918.1809	M8	22.0	110.0	10.0	106
918.1812	M8	22.0	240.0	10.0	175
918.1810	M9	22.0	110.0	10.0	108
918.1818	M10	22.0	110.0	10.0	109
918.1813	M12	24.0	110.0	14.0	175
918.1814	M13	24.0	110.0	14.0	175
918.1815	M14	24.0	110.0	14.0	175

CHROMEplus® Bit socket set for RIBE® screws, long

- For RIBE® profil
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- With press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



918.1340 9 pcs M5 - M6 - M7 - M8 - M9 - M10 - M12 - M13 - M14	1.20

RIBE® Bit socket for tamperproof screws, long

- For tamperproof RIBE® profil
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt fi nis
- Chrome vanadium



	D mm	L mm	T mm		
911.3951	M5	22.0	110.0	72.0	120
911.3952	M6	22.0	110.0	72.0	120
911.3953	M7	22.0	110.0	72.0	120
911.3954	M8	22.0	110.0	72.0	120
911.3955	M9	22.0	110.0	72.0	130
911.3956	M10	22.0	110.0	72.0	130
911.3957	M12	22.0	110.0	72.0	150
911.3958	M13	22.0	110.0	72.0	180
911.3959	M14	22.0	110.0	72.0	180

RIBE® Bit socket set for tamperproof screws, long

- For tamperproof RIBE® profil
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted insert bit
- For manual operation
- Matt fi nis
- Chrome vanadium
- Includes storage rail



911.1630 9 pcs M5 - M6 - M7 - M8 - M9 - M10 - M12 - M13 - M14	1.24

CHROMEplus® RIBE® Bit socket for tamperproof screws, long

- For tamperproof RIBE® profil
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	D	D mm	L mm	T mm	
918.1780	M5	22.0	110.0	72.0	120
918.1781	M6	22.0	110.0	72.0	120
918.1782	M7	22.0	110.0	72.0	120
918.1783	M8	22.0	110.0	72.0	120
918.1784	M9	22.0	110.0	72.0	130
918.1785	M10	22.0	110.0	72.0	130
918.1786	M12	22.0	110.0	72.0	150
918.1787	M13	22.0	110.0	72.0	180
918.1788	M14	22.0	110.0	72.0	180

CHROMEplus® RIBE® bit socket set for tamperproof screws, long

- For tamperproof RIBE® profil
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- With press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



918.1895 9 pcs M5 - M6 - M7 - M8 - M9 - M10 - M12 - M13 - M14	1.24

CHROMEplus® Bit socket set

- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



918.1752 32 pcs CHROMEplus® Bit socket set	6.30
8 x 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 mm	
4 x 6 - 8 - 10 - 12 mm	
8 x T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	
4 x T30 - T40 - T50 - T60	
4 x M5 - M6 - M8 - M10	
4 x M6 - M8 - M10 - M12	

GO THROUGH SOCKETS

19 mm TRIPLEplus® Go through reversing ratchet

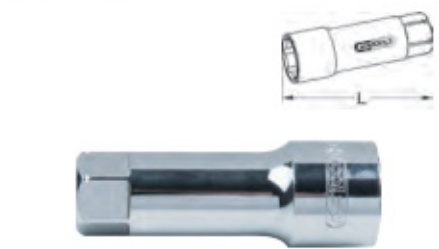
- 19 mm Hexagon drive
- Reversible
- With exact gearing 72 teeth ratchet mechanism
- Extremely slim head
- Dual component handle with soft zone
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	
918.4051	12.0	34.0	205.0	190

19 mm TRIPLEplus® Go through extension

- For manual operation TRIPLEplus® go through reversing ratchet 918.4051
- Chrome plated and mirror polished
- Chrome vanadium



		L mm	
918.4052	19.0	75.0	110

19 mm TRIPLEplus® Go through socket

- TRIPLEplus® profil
- For manual operation TRIPLEplus® go through reversing ratchet 918.4051
- Chrome plated and mirror polished
- Chrome vanadium



	mm	L mm	D1 mm	D2 mm	T mm	W
916.4060	10,0	32,0	16,0	16,0	12,0	40
916.4061	11,0	32,0	17,0	17,0	12,0	40
916.4062	12,0	32,0	18,0	18,0	12,0	40
916.4063	13,0	32,0	19,0	19,0	12,0	40
916.4064	14,0	32,0	21,0	21,0	12,0	40
916.4065	15,0	32,0	22,0	22,0	12,0	40
916.4066	16,0	32,0	24,0	24,0	12,0	40
916.4067	17,0	32,0	25,0	25,0	12,0	40
916.4068	18,0	32,0	26,0	26,0	12,0	40
916.4069	19,0	32,0	27,0	27,0	12,0	40
916.4071	21,0	32,0	29,0	29,0	12,0	40
916.4072	22,0	32,0	31,0	31,0	12,0	50
916.4074	24,0	32,0	33,0	33,0	12,0	50

19 mm TRIPLEplus® Go through socket adaptor

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- For manual operation TRIPLEplus® go through reversing ratchet 918.4051
- With a push button quick release function
- Chrome plated and mirror polished
- Chrome vanadium



	mm	L mm	W
918.4053	3/8"	28,0	40
918.4054	1/2"	35,0	50



TRIPLEplus® Go through socket set

- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



	mm	W
916.4050	17 pcs	TRIPLEplus® Go through socket set 1,46
13 x	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm	
1 x	75 mm	
1 x	19 mm x 3/8"	
1 x	19 mm x 1/2"	
1 x	19 mm	



1/2" ADAPTERS

Bit adaptor socket

- Internal square to DIN 3120 / ISO 1174 with ball reception
- For 5/16" bits with external hexagon drive to DIN 3126 / ISO 1173
- For manual operation
- Matt finish
- Chrome vanadium



	mm	L mm	D1 mm	D2 mm	T mm	W	
911.1253	1/2"	5/16"	40,0	16,0	22,0	14,0	50

CHROMEplus® Bit adaptor socket

- Internal square to DIN 3120 / ISO 1174 with ball reception
- For 5/16" bits with external hexagon drive to DIN 3126 / ISO 1173
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	L mm	D1 mm	D2 mm	T mm	W	
918.1266	1/2"	5/16"	38,0	17,0	22,0	15,0	50

Bit adaptor socket with clamping ring

- Clamping ring
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For 10 mm bits with external hexagon drive to DIN 3126 / ISO 1173
- For manual operation
- Matt finish
- Chrome vanadium



	mm	L mm	D1 mm	D2 mm	T mm	W	
911.4312	1/2"	10mm	40,0	17,0	22,0	15,0	50
911.4351	1/2"	5/16"	38,0	17,0	22,0	20,0	25

CHROMEplus® Bit adaptor socket with clamping ring

- Clamping ring
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For 10 mm Bits with external hexagon drive to DIN 3126 / ISO 1173
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	L mm	D1 mm	D2 mm	T mm	W	
918.1271	1/2"	10mm	35,0	17,0	22,0	15,0	40
918.4351	1/2"	5/16"	38,0	17,0	22,0	14,0	59

Adaptor and reducing adaptor

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



			L mm	
911.1233	1/2"	3/8"	46.0	50
911.1234	1/2"	3/4"	46.0	140

Adaptor and reducing adaptor set

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium
- In durable plastic case



			L mm	
911.0106	6 pcs	1/4" x 3/8" - 3/8" x 1/4" - 3/8" x 1/2" - 1/2" x 3/8" - 1/2" x 3/4" - 3/4" x 1/2"		0.66

CHROMEplus® Adaptor and reducing adaptor

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



			L mm	
918.1753	1/2"	3/8"	46.0	50
918.1754	1/2"	3/4"	46.0	140

CHROMEplus® adaptor and reducing adaptor set

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



			L mm	
918.0106	6 pcs	1/4" x 3/8" - 3/8" x 1/4" - 3/8" x 1/2" - 1/2" x 3/8" - 1/2" x 3/4" - 3/4" x 1/2"		0.66

Sliding adaptor and reducing adaptor

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- To the use with extensions
- Also usably as adaptors and/or reducing adaptors
- For manual operation
- Matt finish
- Chrome vanadium



			L mm	
911.1207	3/8"	1/2"	40.0	60

CHROMEplus® Sliding adaptor and reducing adaptor

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- To the use with extensions
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



			L mm	
918.1261	3/8"	1/2"	40.0	70

1/2" UNIVERSAL JOINTS

Universal joint

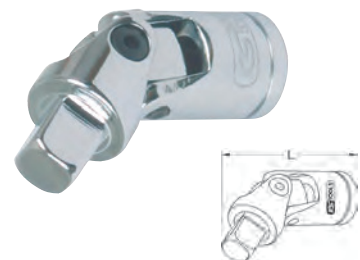
- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Flexible joint
- Matt finish
- Chrome vanadium



			L mm	
911.1250	1/2"	1/2"	73.0	160

CHROMEplus® Universal joint

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Flexible joint
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



			L mm	
918.1250	1/2"	1/2"	73.0	170

Power universal ball joint

- Ideal for use with electric screwdriver
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Very low running rotation
- New joint construction
- Outstanding use of angles up to 45°
- Very resistant to breakage
- Can be used by hand or with electric screwdriver
- Matt finish
- Chrome vanadium



			L mm	
917.1250	1/2"	1/2"	70.0	160

CHROMEplus® Power universal ball joint

- Ideal for use with electric screwdriver
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Very low running rotation
- New joint construction
- Outstanding use of angles up to 45°
- Very resistant to breakage
- Can be used by hand or with electric screwdriver
- Chrome plated and mirror polished
- Chrome vanadium



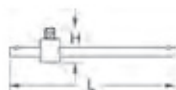
	1/2"	1/2"	L mm	W mm
919.1250	1/2"	1/2"	70.0	160



1/2" T-HANDLES

Sliding T-handle

- DIN 3122 / ISO 3315
- Square drive according to DIN 3120 / ISO 1174 with ball lock
- For manual operation
- Matt finish
- Chrome vanadium



	H mm	L mm	W mm
911.1204	42.0	250.0	440

CHROMEplus® Sliding T-handle

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	H mm	L mm	W mm
918.1263	42.0	250.0	360

1/2" EXTENSIONS

Extension

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	W mm
911.1235	50.0	100
911.1201	75.0	120
911.1202	125.0	180
911.1315	180.0	260
911.1203	250.0	380
911.1316	305.0	410

Extension set

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- With hexagon drive
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	W mm
911.0007	9 pcs	1.22
3 x	1/4" : 50 - 100 - 250 mm	
4 x	3/8" : 45 - 75 - 150 - 200 mm	
2 x	1/2" : 125 - 250 mm	

CHROMEplus® Extension

- DIN 3123 / ISO 3316
- Square drive to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	W mm
918.1274	50.0	90
918.1279	75.0	120
918.1202	125.0	180
918.1816	180.0	260
918.1203	250.0	420
918.1817	305.0	410

CHROMEplus® Extension set

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	W mm
918.0007	9 pcs	1.22
3 x	1/4" : 50 - 100 - 250 mm	
4 x	3/8" : 45 - 75 - 150 - 200 mm	
2 x	1/2" : 125 - 250 mm	

Wobble extension

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	W mm
911.1381	50.0	90
911.1382	75.0	120
911.1383	125.0	180
911.1318	180.0	260
911.1384	250.0	340
911.1323	305.0	410

Wobble extension set

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	W mm
911.0009	9 pcs	1.22
3 x	1/4" : 50 - 100 - 250 mm	
4 x	3/8" : 45 - 75 - 150 - 200 mm	
2 x	1/2" : 125 - 250 mm	

CHROMEplus® Wobble extension

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	g
918.1264	50.0	90
918.1267	75.0	120
918.1201	125.0	180
918.1661	180.0	260
918.1204	250.0	420
918.1663	305.0	410

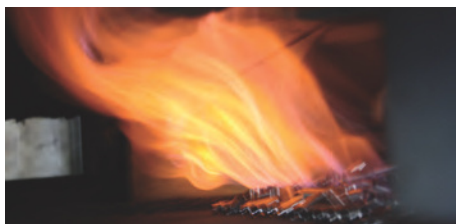
CHROMEplus® Wobble extension set

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



1/4" 3/8" 1/2"

	918.0009	9 pcs	CHROMEplus® Wobble extension set	1.22
3 x			1/4" : 50 - 100 - 250 mm	
4 x			3/8" : 45 - 75 - 150 - 225 mm	
2 x			1/2" : 125 - 250 mm	



CHROMEplus® Extension with interlock

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Interlocking mechanism against accidental loosening
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	g
919.1201	75.0	130
919.1203	125.0	220
919.1206	250.0	450

CHROMEplus® Extension set with interlock

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Interlocking mechanism against accidental loosening
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	919.0123	3 pcs	75 - 125 - 250 mm	0.80
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CHROMEplus® Extension set with interlock

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Interlocking mechanism against accidental loosening
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



1/4" 3/8" 1/2"

	919.0007	7 pcs	CHROMEplus® Extension set with interlock	1.24
2 x			1/4" : 100 - 150 mm	
3 x			3/8" : 75 - 150 - 250 mm	
2 x			1/2" : 125 - 250 mm	



1/2" MANUAL DRIVE TOOLS

L-Handle

- DIN 3122 / ISO 3315
- Square drive according to DIN 3120 / ISO 1174 with with ball lock
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	g
911.1331	220.0	415

Speed brace

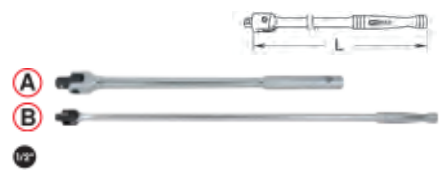
- DIN 3122 / ISO 3315
- Square drive according to DIN 3120 / ISO 1174 with with ball lock
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	g
911.1338	400.0	500

CHROMEplus® Flexible head drive handle

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Ideal for difficult to access areas
- Protects ratchet and torque wrenches from overloading
- Burnished head
- Chrome plated and mirror polished
- Chrome vanadium



		L mm	Head, open	g
918.1291	(A)	1/2"	360.0	918.1292-1 660
918.1297	(B)	1/2"	460.0	918.1292-1 1115
918.1292	(B)	1/2"	600.0	918.1292-1 1420
918.1293	(B)	1/2"	760.0	918.1292-1 1630

1/2" RATCHETS

Reversible ratchet

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Exact gearing 45 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Matt finish
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
911.1200	18.0	42.0	250.0	911.1299	580

CHROMEplus® Reversible ratchet

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Exact gearing 45 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
918.1200	18.0	42.0	250.0	911.1299	580



Reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle with soft zone
- Recessed reverse lever
- Matt finish
- Chrome vanadium



	A mm	D mm	L mm	Part no.	Weight
914.1290	20.5	40.0	250.0	914.1297	700

CHROMEplus® Reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Part no.	Weight
918.1290	21.0	40.0	250.0	914.1297	600

CHROMEplus® Reversible ratchet

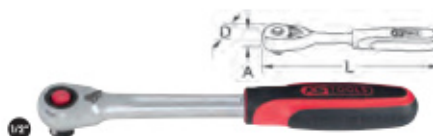
- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Part no.	Weight
918.1393	21.0	40.0	250.0	914.1297	630

SlimPOWER Reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- 710 N·m maximum load
- Reversible
- Extremely slim head
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle with soft zone
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Part no.	Weight
920.1290	34.0	32.0	245.0	920.1290-1	356

SlimPOWER reversible ratchet set

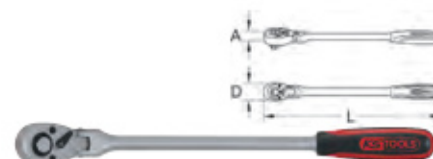
- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Extremely slim head
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle with soft zone
- Chrome plated and mirror polished
- Chrome vanadium



	Quantity	Size	Weight
920.0002	2 pcs	1/4" + 1/2"	430

Flexibel head reversible ratchet

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Extra long
- 180° revolving head
- Reversible
- Exact gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Recessed reverse lever
- Matt finish
- Chrome vanadium



	A mm	D mm	L mm	Part no.	Weight
914.1296	20.0	40.0	440.0	914.1297	800

CHROMEplus® Telescopic reversible ratchet

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Exact gearing 36-teeth ratchet mechanism
- Infinitely variable
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Part no.	Weight
918.1270	19.0	43.0	380.0-500.0	918.1275	1200

1/2" SET ASSORTMENTS

Socket set

- 6 point
- FlankTraction profil
- Matt finish
- Chrome vanadium
- In durable plastic storage case



	Quantity	Part no.	Weight
911.0620	20 pcs	Socket set	3.30
15 x		10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 - 24 - 27 - 30 - 32 mm	
2 x		125 - 250 mm	
1 x		1/2"	
1 x		1/2"	
1 x		250 mm	

CHROMEplus® Socket set

- Imperial sizes
- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



	Quantity	Part no.	Weight
918.0830	30 pcs	CHROMEplus® Socket set	3.40
15 x		3/8"-7/16"-1/2"-9/16"-19/32"-5/8"-11/16"-3/4" 13/16"-7/8"-15/16"-1"-1.1/16"-1.1/8"-1.1/4"	
7 x		1/2" - 9/16" - 11/16" - 3/4" - 7/8" 15/16" - 1"	
2 x		5/8" - 13/16"	
2 x		125 - 250 mm	
1 x		1/2"	
1 x		F1/2" x M3/8"	
1 x		360 mm	
1 x		250 mm	

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/2"			
kg			
918.0625	22 pcs	CHROMEplus® Socket set	4,75
17 x		10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 19 - 21 - 22 - 24 - 27 - 30 - 32 - 34 mm	
2 x		125 - 250 mm	
1 x		1/2"	
1 x		3/8" x M1/2"	
1 x		380 - 500 mm	

Socket set

- 6 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- In durable metal case



1/2"			
kg			
917.4024	24 pcs	Socket set	5,00
17 x		10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 19 - 20 - 21 - 22 - 24 - 27 - 30 32 mm	
2 x		16 - 21 mm	
2 x		125 - 250 mm	
1 x		1/2"	
1 x		1/2"	
1 x		250 mm	

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



1/2"			
kg			
918.0635	35 pcs	CHROMEplus® Socket set	5,75
18 x		10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 mm	
10 x		10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 18 - 19 mm	
2 x		16 - 21 mm	
2 x		125 - 250 mm	
1 x		1/2"	
1 x		F3/8" x M1/2"	
1 x		250 mm	

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/2"			
kg			
918.0623	23 pcs	CHROMEplus® Socket set	2,40
18 x		10-11-12-13-14-15-16-17-18-19-20 21-22-24-27-30-32-34 mm	
2 x		125 - 250 mm	
1 x		1/2"	
1 x		3/8" x M1/2"	
1 x		250 mm	

Socket set

- 12 point
- Matt finis
- Chrome vanadium
- In durable plastic case



1/2"			
kg			
911.1595	24 pcs	Socket set	3,00
17 x		10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm	
1 x		250 mm	
2 x		125 - 250 mm	
1 x		1/2"	
2 x		16 - 21 mm	
1 x		3/8" F x 1/2" M	

1/2" SET ASSORTMENTS

TX Socket and bit set

- Matt finis
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"			
kg			
911.4301-1	30 pcs	TX Socket and bit set	1,45
5 x		1/4": E4 - E5 - E6 - E7 - E8	
4 x		3/8": E10 - E11 - E12 - E14	
5 x		1/2": E16 - E18 - E20 - E22 - E24	
2 x		3/8" x 10 mm - 1/2" x 10mm	
7 x		30 mm (T20 - T25 - T30 - T40 - T45 T50 - T55)	
7 x		75 mm (T20 - T25 - T30 - T40 - T45 T50 - T55)	

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TX Bit socket set for TX tamperproof screws

- Matt finish
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

911.4301-2	30 pcs	TX Bit socket set for TX tamperproof screws	1.45
5 x		1/4": E4 - E5 - E6 - E7 - E8	
4 x		3/8": E10 - E11 - E12 - E14	
5 x		1/2": E16 - E18 - E20 - E22 - E24	
2 x		3/8" x 10 mm - 1/2" x 10mm	
7 x		30 mm (TB20 - TB25 - TB30 - TB40 - TB45 - TB50 - TB55)	
7 x		75 mm (TB20 - TB25 - TB30 - TB40 - TB45 - TB50 - TB55)	

TX Socket set

- Matt finish
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

911.4302	31 pcs	TX Socket set	1.40
6 x		1/4": T10 - T15 - T20 - T25 - T27 - T30	
3 x		5/16": T40 - T45 - T50	
3 x		1/4": TB30 x 30 mm - TB25 x 75 mm - TB30 x 75 mm	
2 x		1/2": T55 - T60	
4 x		1/4": E5 - E6 - E7 - E8	
3 x		3/8": E10 - E12 - E14	
3 x		1/2": E16 - E18 - E20	
3 x		1/4" x 1/4" - 3/8" x 5/16" - 1/2" x 5/16"	
4 x		E6 x E8 - E7 x E11 - E10 x E12 - E14 x E18 -	

TX Socket and bit set

- Matt finish
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

911.4305	57 pcs	TX Socket and bit set	2.00
2 x		3/8" x 10mm - 1/2" x 1/4"	
12 x		1/4": E4 - E5 - E6 - E7 - E8; 3/8": E10 - E11 - E12 - E14; 1/2": E16 - E18 - E20	
7 x		4 - 5 - 6 - 7 - 8 - 10 - 12 mm	
9 x		TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55 - TB60	
5 x		M5 - M6 - M8 - M10 - M12	
2 x		8 - 10 mm	
2 x		PH2 - PH3	
5 x		5 - 6 - 7 - 8 - 10 mm	
9 x		T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	
4 x		M6 - M8 - M10 - M12	

Tool kit

- 6 point
- FlankTraction profil
- Matt finish
- Chrome vanadium
- In durable plastic storage case



1/2"

911.0650	50 pcs	Tool kit	5.20
9 x		10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 mm	
1 x		1/4": PZ1 - PZ2 - T10 - T15 - T20 - T25 - T30 - T40	
1 x		21 mm	
1 x		250 mm	
1 x		1/2"	
1 x		1/2"	
1 x		1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
1 x		250 mm	

3 x		4.5 - 5.5 - 6.5 mm
2 x		PH1 - PH2
1 x		200 mm
1 x		150 - 250 V
1 x		240 mm
1 x		180 mm
1 x		300 g
8 x		8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/4" 1/2"

918.0578	78 pcs	CHROMEplus® Socket set	6.30
13 x		1/4": 4-4.5-5-5.5-6-7-8-9-10-11-12 - 13-14 mm	
8 x		1/4": 6-7-8-9-10-11-12-13 mm	
15 x		1/2": 13-14-15-16-17-18-19-20-21-22 - 24-27-30-32-34 mm	
5 x		1/2": 14-15-17-19-22 mm	
3 x		1/2": 16-18-21 mm	
2 x		1/4": PH1-PH2	
2 x		1/4": PZ1-PZ2	
6 x		1/4": 3-4-5-6-7-8 mm	
7 x		1/4": T10-T15-T20-T25-T27 T30-T40	
6 x		1/4": M4-M5-M6-M7-M8-M10	
1 x		1/4"	
2 x		1/4": 50-100 mm	
1 x		1/4"	
1 x		1/4"	
1 x		1/4": 145 mm	
1 x		F3/8" x M1/2"	
2 x		1/2": 125-250 mm	
1 x		1/2"	
1 x		1/2": 250 mm	

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/4" 1/2"

		918.0694		94 pcs		CHROMEplus® Socket set		6.38	
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10		1/2": 11 - 12 - 13 - 14 mm					
8 x		1/4": 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm							
18 x		1/2": 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18		19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm					
4 x		1/2": 14 - 15 - 17 - 19 mm							
2 x		1/2": 16 - 21 mm							
3 x		1/4": 4 - 5,5 - 7 mm							
2 x		1/4": PH1 - PH2							
2 x		1/4": PZ1 - PZ2							
4 x		1/4": 3 - 4 - 5 - 6 mm							
6 x		1/4": TB8 - TB10 - TB15 - TB20		TB25 - TB30					
2 x		1/4": 50 - 100 mm							
1 x		1/4": 150 mm							
3 x		5/16": 8 - 10 - 12 mm							
2 x		5/16": PH3 - PH4							
2 x		5/16": PZ3 - PZ4							
4 x		5/16": 8 - 10 - 12 - 14 mm							
4 x		5/16": T40 - T45 - T50 - T55							
1 x		1/4"							
1 x		1/4"							
1 x		1/4"							
1 x		1/4": 145 mm							
4 x		1 - 1,5 - 2 - 2,5 mm							
1 x		1/4"							
2 x		1/2": 125 - 250 mm							
1 x		F3/8" x M1/2"							
1 x		1/2"							
1 x		1/2" x 5/16"							
1 x		1/2": 250 mm							

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In a classy aluminium case



1/4" 1/2"

		918.0702		102 pcs		CHROMEplus® Socket set		9.70	
13 x		1/4": 4 - 4,5 - 5,5 - 6 - 7 - 8 - 9 - 10		1/2": 11 - 12 - 13 - 14 mm					
3 x		1/4": 8 - 10 - 13 mm							
13 x		1/2": 13 - 15 - 17 - 18 - 19 - 20 - 21		22 - 24 - 27 - 30 - 32 - 34 mm					
5 x		1/2": 14 - 15 - 17 - 19 - 22 mm							
3 x		1/4": PH1 - PH2 - PH3							
2 x		1/4": PZ1 - PZ2							
4 x		1/4": 3 - 4 - 5 - 6 mm							
7 x		1/4": T10 - T15 - T20 - T25 - T27		T30 - T40					
3 x		1/4": M4 - M5 - M6							
3 x		1/4": E6 - E7 - E8							
6 x		1/2": E10 - E12 - E14 - E16 - E18		E20					
2 x		1/2": 16 - 21 mm							
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm							
1 x		5/16": PZ3							
2 x		5/16": 8 - 10 mm							
4 x		5/16": TB45 - TB50 - TB55 - TB60							
3 x		5/16": M8 - M10 - M12							
1 x		1/4"							
1 x		1/4"							
2 x		1/4": 50 - 100 mm							
2 x		1/2": 125 - 250 mm							
1 x		F3/8" x M1/2"							
1 x		1/2"							
1 x		1/2" x 5/16"							
2 x		1/4" - 1/2"							
7 x		7 - 8 - 10 - 12 - 13 - 17 - 19 mm							

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

		918.0724		124 pcs		CHROMEplus® Socket set		9.50	
10 x		1/4": 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12		13 mm					
6 x		1/4": 5 - 6 - 7 - 8 - 9 - 10 mm							
11 x		3/8": 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16		17 - 18 - 19 mm					
6 x		3/8": 10 - 11 - 12 - 13 - 14 - 15 mm							
8 x		3/8": E8 - E10 - E11 - E12 - E14 - E16		E18 - E20					
8 x		1/2": 20 - 21 - 22 - 24 - 27 - 30 - 32		34 mm					
6 x		1/2": 10 - 12 - 13 - 14 - 17 - 19 mm							
2 x		1/2": E22 - E24							
2 x		1/2": 16 - 21 mm							
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm							
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16		17 - 18 - 19 mm					
2 x		3/8": 4 - 5,5 mm							
3 x		3/8": PH1 - PH2 - PH3							
3 x		3/8": PZ1 - PZ2 - PZ3							
5 x		3/8": 3 - 4 - 5 - 6 - 8 mm							
5 x		3/8": T20 - T30 - T40 - T45 - T50							
4 x		3/8": M4 - M5 - M6 - M8							
7 x		1/4": T10 - T15 - T20 - T25 - T27		T30 - T40					
1 x		1/4"							
1 x		1/4"							
1 x		1/4": 100 mm							
2 x		3/8": 75 - 150 mm							
2 x		1/2": 125 - 250 mm							
3 x		1/4" - 3/8" - 1/2"							
2 x		1/2": F1/2" x M 3/8"							
3 x		1/4" - 3/8" - 1/2"							

Socket set

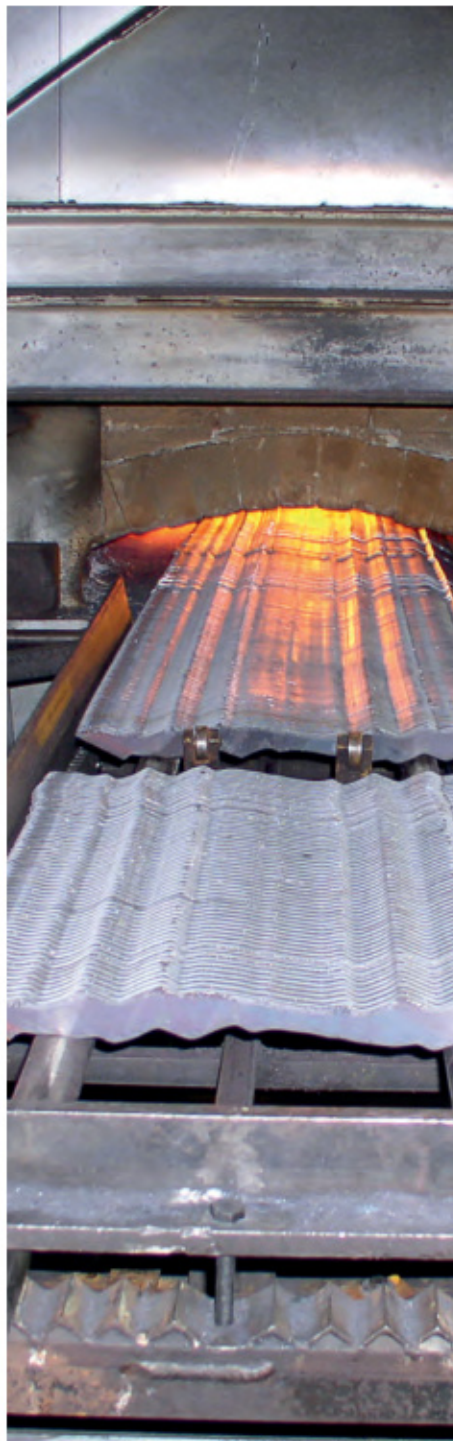
- 6 point
- Matt finish
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

917.0779	179 pcs	Socket set	9.00
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm	
7 x		1/4": 4 - 5 - 6 - 7 - 8 - 9 - 10 mm	
10 x		3/8": 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 mm	
6 x		3/8": 10 - 11 - 12 - 13 - 14 - 15 mm	
17 x		1/2": 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 30 - 32 mm	
5 x		1/2": 16 - 17 - 18 - 19 - 22 mm	
1 x		3/8": 18 mm	
2 x		1/2": 16 - 21 mm	
4 x		1/4": 4 - 5,5 - 6,5 - 7 mm	
3 x		1/4": PH0 - PH1 - PH2	
3 x		1/4": PZ0 - PZ1 - PZ2	
4 x		1/4": 3 - 4 - 5 - 6 mm	
8 x		1/4": T8 - T9 - T10 - T15 - T20 - T25 - T27 T30	
8 x		1/4": TB8 - TB9 - TB10 - TB15 - TB20 TB25 - TB27 - TB30	
5 x		1/4": E4 - E5 - E6 - E7 - E8	
6 x		3/8": E10 - E11 - E12 - E14 - E16 - E18	
2 x		1/2": E20 - E24	
11 x		1/4": T5 - T6 - T7 - T8 - T9 - T10 - T15 T20 - T25 - T27 - T30	
1 x		1/4": TB7	
3 x		1/4": M5 - M6 - M8	
5 x		1/4": M5 - M6 - M7 - M8 - M9	
8 x		1/4": TS10 - TS15 - TS20 - TS25 TS27 - TS30 - TS40 - TS45	
3 x		5/16": 8 - 10 - 12 mm	
5 x		5/16": 7 - 8 - 10 - 12 - 14 mm	
2 x		5/16": PH3 - PH4	
2 x		5/16": PZ3 - PZ4	
6 x		5/16": T40 - T45 - T50 - T55 - T60 - T70	
6 x		5/16": TB40 - TB45 - TB50 - TB55 TB60 - TB70	

7 x		1,3 - 1,5 - 2 - 2,5 - 3 - 4 - 5 mm
1 x		1/4": 150 mm
1 x		1/4": 110 mm
2 x		1/4": 50 - 100 mm
1 x		3/8": 150 mm
2 x		1/2": 125 - 250 mm
3 x		1/4" - 3/8" - 1/2
1 x		1/4" x 1/4"
1 x		3/8" x 5/16"
1 x		1/2" x 5/16"
1 x		3/8" Fx 1/2" M
3 x		1/4" - 3/8" - 1/2



CHROMEplus® Tool kit

- 6 point
- FlankTraction profil
- With removeable plastic storage trays
- Chrome plated and mirror polished
- Chrome vanadium
- Telescopic carrying handle
- In a classy aluminium trolley



1/4" - 1/2"

918.0690	90 pcs	CHROMEplus® Tool kit	10.50
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm	
10 x		1/2": 15 - 17 - 18 - 19 - 20 - 22 - 24 27 - 30 - 32 mm	
2 x		1/2": 16 - 21 mm	
1 x		1/4"	
2 x		1/4": 50 - 100 mm	
1 x		1/4"	
1 x		1/4" x 1/4"	
1 x		1/4": 185 mm	
1 x		1/4"	
1 x		1/4": 140 mm	
2 x		1/2": 125 - 250 mm	
1 x		1/2"	
1 x		1/2": F3/8" - M1/2"	
1 x		1/2": 250 mm	
6 x		1/4": 3 - 4 - 5 - 6 - 7 - 8 mm	
5 x		1/4": PH0 - PH1 - 2 x PH2 - PH3	
5 x		1/4": PZ0 - PZ1 - 2 x PZ2 - PZ3	
6 x		1/4": 3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		1/4": T10 - T15 - T20 - T25 - T27 T30 - T40	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
7 x		7 - 8 - 10 - 12 - 13 - 17 - 19 mm	
2 x		5,5 - 6,5 mm	
2 x		PH1 - PH2	
1 x		240 mm	
1 x		180 mm	



Universal tool kit

- 6 point
- Flank Traction profile
- With 3 drawers and upper insert storage
- Matt finish
- Chrome vanadium
- In durable steel tool chest



1/4" 1/2"

		Kg	
911.0100	100 pcs	Universal tool kit	19.80
12 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 mm	
12 x		1/2": 14 - 15 - 16 - 17 - 18 - 19 - 20 22 - 24 - 27 - 30 - 32 mm	
2 x		1/2": 16 - 21 mm	
1 x		1/4": 911.2060	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
4 x		1/4": 50 - 100 mm; 1/2": 125 - 250 mm	
2 x		1/4": 100 mm; 1/2": 250 mm	
1 x		1/4"	
2 x		1/4" - 1/2"	
2 x		1/4": 145 mm; 1/2": 250 mm	
12 x		6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 19 - 22 mm	
4 x		4,0 x 100 mm - 4,5 x 100 mm 5,0 x 100 mm - 5,0 x 150 mm	
2 x		PH1 x 75 mm - PH2 x 100 mm	
1 x		160 mm	
1 x		180 mm	
1 x		200 mm	
1 x		10"	

CHROMEplus® Universal tool set

- With 3 drawers and upper insert storage
- 6 point
- FlankTraction profile
- Chrome plated and mirror polished
- Chrome vanadium
- In durable steel tool chest



1/4" 1/2"

		Kg	
918.0100	99 pcs	CHROMEplus® Universal tool set	19.50
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm	
3 x		1/4": 8 - 10 - 13 mm	
1 x		1/4": 50 mm	
1 x		1/4"	
1 x		1/4": 110 mm	
1 x		1/4": 140 mm	
3 x		1/4": 4 - 5,5 - 7 mm	
2 x		1/4": PH1 - PH2	
2 x		1/4": PZ1 - PZ2	
6 x		1/4": 3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		1/4": T10 - T15 - T20 - T25 - T27 T30 - T40	
12 x		1/2": 13 - 15 - 17 - 18 - 19 - 20 - 21 22 - 24 - 27 - 30 - 32 mm	
2 x		1/2": 17 - 19 mm	
2 x		1/2": 16 - 21 mm	
2 x		1/2": 125 - 250 mm	
1 x		1/2": F3/8" x M 1/2"	
1 x		1/2"	
1 x		1/2": 250 mm	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm	
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 mm	
6 x		6 x 38 - 3 x 75 - 4 x 100 - 5,5 x 100 6,5 x 125 - 8 x 150 mm	
4 x		PH2 x 38 mm - PH1 x 75 mm - PH2 x 100 mm - PH3 x 150 mm	
1 x		160 mm	
1 x		180 mm	
1 x		200 mm	
1 x		10"	
1 x		250 mm	
1 x		300 g	

CHROMEplus® Universal tool set

- With 3 drawers and upper insert storage
- 6 point
- FlankTraction profile
- Chrome plated and mirror polished
- Chrome vanadium
- In durable steel tool chest



1/4" 1/2"

		Kg	
918.0200	99 pcs	CHROMEplus® Universal tool set	19.50
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm	
3 x		1/4": 8 - 10 - 13 mm	
1 x		1/4": 50 mm	
1 x		1/4"	
1 x		1/4": 110 mm	
1 x		1/4": 145 mm	
3 x		1/4": 4 - 4,5 - 7 mm	
2 x		1/4": PH1 - PH2	
2 x		1/4": PZ1 - PZ2	
6 x		1/4": 3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		1/4": T10 - T15 - T20 - T25 - T27 T30 - T40	
12 x		1/2": 13 - 15 - 17 - 18 - 19 - 20 - 21 22 - 24 - 27 - 30 - 32 mm	
2 x		1/2": 17 - 19 mm	
2 x		1/2": 16 - 21 mm	
2 x		1/2": 125 - 250 mm	
1 x		1/2": F3/8" x M 1/2"	
1 x		1/2"	
1 x		1/2": 250 mm	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 mm	
6 x		6 x 38 mm - 3 x 75 mm - 4 x 100 mm 5,5 x 100 mm - 6,5 x 125 mm - 8 x 150 mm	
4 x		PH2 x 38 mm - PH1 x 75 mm PH2 x 100 mm - PH3 x 150 mm	
1 x		160 mm	
1 x		180 mm	
1 x		200 mm	
1 x		10"	
1 x		250 mm	
1 x		300 g	

CHROMEplus® Universal tool set

- With 3 drawers and upper insert storage
- Imperial sizes
- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable steel tool chest



1/4" 1/2"

918.0150		99 pcs	CHROMEplus® Universal tool set	25.60
13 x			1/4": 5/32" - 3/16" - 7/32" - 1/4" - 9/32" - 5/16" - 11/32" - 3/8" - 13/32" - 7/16" - 15/32" - 1/2" - 9/16"	
3 x			1/4": 5/16" - 3/8" - 1/2"	
1 x			1/4": 50 mm	
1 x			1/4"	
1 x			1/4": 110 mm	
1 x			1/4": 140 mm	
3 x			1/4": 5/32" - 1/4" - 9/32"	
2 x			1/4": PH1 - PH2	
2 x			1/4": PZ1 - PZ2	
6 x			1/4": 1/8" - 5/32" - 3/16" - 7/32" - 1/4" - 5/16"	
7 x			1/4": T10 - T15 - T20 - T25 - T27 - T30 - T40	
12 x			1/2": 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" - 15/16" - 1.1/16" - 1.3/16" - 1.1/4"	
2 x			1/2": 11/16" - 3/4"	
2 x			1/2": 16 - 21 mm	
2 x			1/2": 125 - 250 mm	
1 x			1/2": F3/8" x M 1/2"	
1 x			1/2"	
1 x			1/2": 250 mm	
1 x			1/16" - 5/64" - 3/32" - 1/8" - 5/32" - 3/16" - 7/32" - 1/4" - 5/16" - 3/8"	
12 x			1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" - 15/16"	
6 x			6 x 38 mm - 3 x 75 mm - 4 x 100 mm - 5.5 x 100 mm - 6.5 x 125 mm - 8 x 150 mm	
4 x			PH2 x 38 mm - PH1 x 75 mm - PH2 x 100 mm - PH3 x 150 mm	
1 x			125 mm	
1 x			180 mm	
1 x			200 mm	
1 x			10"	
1 x			250 mm	
1 x			300 g	

1/2" POINT OF SALE DISPLAYS

Socket display

- Superlock
- Matt finis
- Chrome vanadium



1/2"

911.0300		311 pcs	Socket display	39.30
228x			38mm: 10x(8-9-11-12-14-15-16-24-27-30-32mm) 20x(10-13-17-19mm) 8x(18mm) 15x(21-22mm)	
83x			75mm: 7x(10-11-12-13-14-15-16-17mm) 6x(18-19mm) 5x(21-22-24mm)	

CHROMEplus® Socket display

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In point of sale display



1/2"

918.0300		311 pcs	CHROMEplus® Socket display	39.90
228x			38mm: 10x(8-9-11-12-14-15-16-24-27-30-32mm) 20x(10-13-17-19mm) 8x(18mm) 15x(21-22mm)	
83x			75mm: 7x(10-11-12-13-14-15-16-17mm) 6x(18-19mm) 5x(21-22-24mm)	



Bit socket display

- Matt finis
- Chrome vanadium



1/2"

911.0310		385 pcs	Bit socket display	42.50
80 x			10 x (5-6-7-8-10-12-14-17 mm)	
28 x			7 x (7-8-10-12 mm)	
60 x			10 x (M5-M6-M8-M10-M12-M14)	
28 x			7 x (M8-M10-M12-M14)	
70 x			10 x (T20-T25-T27-T30-T40-T45-T50)	
70 x			10 x (TB20-TB25-TB27-TB30-TB40-TB45-TB50)	
49 x			7 x (T20-T25-T27-T30-T40-T45-T50)	

CHROMEplus® Bit socket display

- Chrome plated and mirror polished
- Chrome vanadium



1/2"

918.0310		385 pcs	CHROMEplus® Bit socket display	43.70
80 x			10 x (5-6-7-8-10-12-14-17 mm)	
28 x			7 x (7-8-10-12 mm)	
60 x			10 x (M5-M6-M8-M10-M12-M14)	
28 x			7 x (M8-M10-M12-M14)	
70 x			10 x (T20-T25-T27-T30-T40-T45-T50)	
70 x			10 x (TB20-TB25-TB27-TB30-TB40-TB45-TB50)	
49 x			7 x (T20-T25-T27-T30-T40-T45-T50)	

3/4" SOCKETS

CLASSIC Hexagonal socket

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Short execution
- For manual operation
- Matt finish
- Chrome vanadium



	mm	D1 mm	D2 mm	L mm	T mm	g
911.3406	18.0	28.0	36.0	52.0	19.0	210
911.3419	19.0	30.0	36.0	52.0	19.0	210
911.3421	21.0	32.0	36.0	52.0	19.0	220
911.3422	22.0	33.0	36.0	52.0	19.0	220
911.3423	23.0	35.0	38.0	52.0	19.0	220
911.3424	24.0	36.0	38.0	52.0	20.0	220
911.3426	26.0	37.0	36.0	55.0	23.0	220
911.3427	27.0	40.0	36.0	55.0	24.0	230
911.3429	29.0	42.0	36.0	55.0	24.0	260
911.3430	30.0	43.0	38.0	58.0	26.0	290
911.3432	32.0	46.0	38.0	58.0	27.0	300
911.3407	33.0	47.0	40.0	58.0	26.0	355
911.3408	34.0	47.0	40.0	58.0	24.0	360
911.3435	35.0	50.0	40.0	60.0	27.0	400
911.3436	36.0	51.0	40.0	60.0	28.0	430
911.3438	38.0	53.0	41.0	60.0	28.0	490
911.3441	41.0	57.0	44.0	63.0	31.0	540
911.3446	46.0	63.0	44.0	66.0	33.0	630
911.3450	50.0	68.0	48.0	69.0	35.0	840
911.3409	55.0	75.0	53.0	68.0	33.0	960
911.3411	60.0	80.0	53.0	68.0	33.0	1050
911.3413	3/4"	28.0	34.0	50.0	16.0	175
911.3414	13/16"	31.0	35.0	50.0	16.0	190
911.3416	7/8"	33.5	36.0	52.0	19.0	225
911.3418	15/16"	35.0	38.0	52.0	20.0	260
911.3425	1"	38.0	36.0	52.0	22.0	225
911.3428	1.1/16"	40.0	36.0	55.0	24.0	250
911.3431	1.1/8"	41.0	36.0	55.0	24.0	260
911.3433	1.3/16"	43.0	38.0	57.0	24.0	270
911.3437	1.1/4"	45.0	38.0	58.0	26.0	330
911.3439	1.5/16"	47.0	40.0	58.0	26.0	375
911.3442	1.3/8"	50.0	40.0	60.0	28.0	405
911.3443	1.7/16"	51.0	40.0	60.0	28.0	410
911.3444	1.1/2"	53.0	40.0	60.0	28.0	430
911.3445	1.5/8"	57.0	44.0	63.0	30.0	530
911.3447	1.11/16"	59.0	44.0	63.0	30.0	565
911.3448	1.3/4"	61.0	44.0	65.0	32.0	625
911.3449	1.13/16"	63.0	44.0	65.0	32.0	630
911.3451	1.7/8"	65.0	44.0	65.0	32.0	660
911.3452	2"	69.0	48.0	68.0	34.0	810

12 Point socket

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Short execution
- For manual operation
- Matt finish
- Chrome vanadium



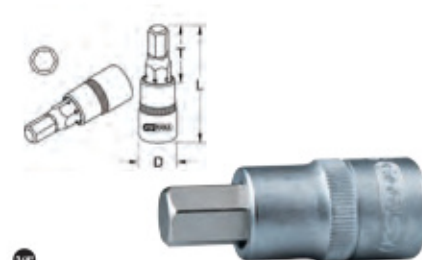
	mm	D1 mm	D2 mm	L mm	T mm	g
911.3517	18.0	28.0	36.0	52.0	19.0	210

	mm	D1 mm	D2 mm	L mm	T mm	g
911.3518	19.0	30.0	36.0	52.0	19.0	210
911.3525	21.0	32.0	36.0	52.0	19.0	220
911.3528	22.0	33.0	36.0	52.0	19.0	220
911.3531	23.0	35.0	38.0	52.0	19.0	220
911.3533	24.0	36.0	38.0	52.0	20.0	220
911.3534	26.0	37.0	36.0	55.0	23.0	220
911.3537	27.0	40.0	36.0	55.0	24.0	230
911.3539	29.0	42.0	36.0	55.0	24.0	260
911.3542	30.0	43.0	38.0	58.0	26.0	290
911.3543	32.0	46.0	38.0	58.0	27.0	300
911.3544	33.0	47.0	40.0	58.0	26.0	355
911.3545	34.0	47.0	40.0	58.0	24.0	360
911.3547	35.0	50.0	40.0	60.0	27.0	400
911.3548	36.0	51.0	40.0	60.0	28.0	430
911.3549	38.0	53.0	41.0	60.0	28.0	490
911.3557	41.0	57.0	44.0	63.0	31.0	540
911.3598	46.0	63.0	44.0	66.0	33.0	630
911.3599	50.0	68.0	48.0	69.0	35.0	840
911.3453	55.0	75.0	53.0	68.0	33.0	960
911.3454	60.0	80.0	53.0	68.0	33.0	1050
911.3519	3/4"	29.0	35.0	50.0	16.0	210
911.3521	13/16"	31.0	35.0	51.0	17.0	220
911.3522	7/8"	33.0	35.0	51.0	18.0	220
911.3523	15/16"	34.0	35.0	51.0	19.0	220
911.3524	1"	37.0	38.0	52.0	20.0	220
911.3526	1.1/16"	39.0	38.0	54.0	20.0	220
911.3527	1.1/8"	41.0	38.0	57.0	20.0	230
911.3529	1.3/16"	43.0	38.0	57.0	21.0	260
911.3530	1.1/4"	45.0	38.0	58.0	22.0	290
911.3532	1.5/16"	47.0	40.0	59.0	24.0	300
911.3535	1.3/8"	49.0	40.0	59.0	24.0	400
911.3536	1.7/16"	50.0	40.0	60.0	27.0	430
911.3538	1.1/2"	52.0	41.0	64.0	30.0	490
911.3541	1.5/8"	56.0	40.0	67.0	30.0	540
911.3455	1.11/16"	59.0	44.0	63.0	30.0	565
911.3546	1.3/4"	60.0	40.0	70.0	32.0	630
911.3456	1.13/16"	63.0	44.0	65.0	32.0	630
911.3457	1.7/8"	65.0	44.0	65.0	32.0	660
911.3550	2"	67.0	40.0	80.0	34.0	840

3/4" BIT SOCKETS

Bit socket for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fit nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



	mm	D mm	L mm	T mm	g
911.3458	14.0	38.0	80.0	25.0	350
911.3459	17.0	38.0	80.0	25.0	390
911.3461	19.0	38.0	80.0	25.0	430
911.3462	22.0	38.0	80.0	25.0	480



Bit socket for hexagon screws, long

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fit nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



	mm	D mm	L mm	T mm	g
911.3463	14.0	38.0	155.0	100.0	450
911.3464	17.0	38.0	155.0	100.0	540
911.3465	19.0	38.0	155.0	100.0	580
911.3466	22.0	38.0	155.0	100.0	610

Bit socket for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fit nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



	D mm	L mm	T mm	g	
911.3467	T60	38.0	80.0	25.0	340
911.3468	T70	38.0	80.0	25.0	380
911.3469	T80	38.0	80.0	25.0	415
911.3471	T90	38.0	80.0	25.0	450
911.3472	T100	38.0	80.0	25.0	460

3/4" ADAPTERS

Reducing adaptor

- DIN 3123 / ISO 3316
- Square drive to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



	mm	L mm	g
911.3412	3/4, 1/2"	56.0	195

Adaptor and reducing adaptor

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



			L mm	
911.3473	3/4"	1"	60.0	335

Adaptor and reducing adaptor set

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium
- In durable plastic case



911.0106	6 pcs	1/4" x 3/8" - 3/8" x 1/4" - 3/8" x 1/2" - 1/2" x 3/8" - 1/2" x 3/4" - 3/4" x 1/2"		0.66

CHROMEplus® adaptor and reducing adaptor set

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



918.0106	6 pcs	1/4" x 3/8" - 3/8" x 1/4" - 3/8" x 1/2" - 1/2" x 3/8" - 1/2" x 3/4" - 3/4" x 1/2"		0.66

3/4" T-HANDLES

Sliding T-handle

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- For manual operation
- Matt finish
- Chrome vanadium



	H mm	L mm	
911.3405	16.0	450.0	1.22



3/4" EXTENSIONS

Extensions

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	
911.3402	100.0	420
911.3403	200.0	730
911.3404	400.0	1600

3/4" MANUAL DRIVE TOOLS

CHROMEplus® Flexible head drive handle

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Ideal for difficult to access areas
- Protects ratchet and torque wrenches from overloading
- Burnished head
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	head square	
918.1801	1030.0	918.1801-1	3.80

3/4" RATCHETS

Reversible ratchet

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic handle
- Matt finish
- Chrome vanadium



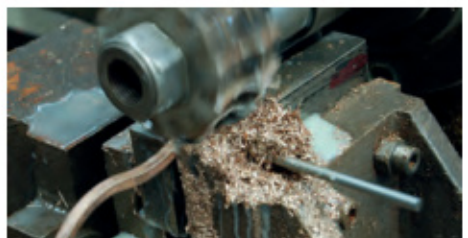
	A mm	D mm	L mm	Report wt	
911.3400	21.0	55.0	500.0	911.3498	1.98

CHROMEplus® Reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Exact gearing 24 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Knurled handle
- Recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Report wt	
911.3401	30.0	63.0	500.0	911.3499	2.55



CHROMEplus® Telescopic reversible ratchet

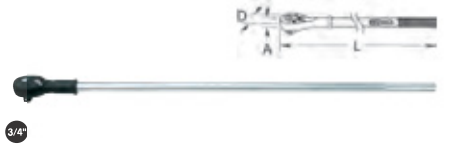
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Exact gearing 24 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Knurled handle
- Recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Report wt	
911.3490	30.0	63.0	510.0-730.0	911.3499	3.35

Reversible ratchet

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Maximum load capacity up to 1.750 N·m
- Reversible
- Exact gearing 24 teeth ratchet mechanism
- Extremely substantial handle bar
- Ejection mechanism on the ratchet head
- Knurled handle
- Recessed reverse lever
- Ideally suited for extreme loads
- Burnished head
- Matt finish
- Chrome vanadium



	A mm	D mm	L mm	Part no.	kg
911.3410	35.0	70.0	1000.0	911.3499	3.00

Adjustable lengths high torque ratchet

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Exact gearing 24-teeth ratchet mechanism
- Infinitely variable
- Chrome plated and mirror polished
- Chrome vanadium



	D mm	L mm	A mm	kg
918.1805	46.0	610-915	96.0	3.00

3/4" SOCKETS

Socket set

- 6 point
- FlankTraction profil
- Matt finish
- Chrome vanadium
- In durable plastic storage case



		kg
911.0721	21 pcs Socket set	14.50
16 x	19 - 21 - 22 - 23 - 24 - 26 - 27 - 29 - 30 32 - 35 - 36 - 38 - 41 - 46 - 50 mm	
3 x	100 - 200 - 400 mm	
1 x	450 mm	
1 x	500 mm	

Socket set

- Imperial sizes
- 6 point
- Matt finish
- Chrome vanadium
- In durable plastic case



		kg
911.0752	21 pcs Socket set	14.00
16 x	3/4"-13/16"-7/8"-15/16"-1"-1 1/16"-1 1/8"-1 3/16"-1 1/4"-1 5/16"-1 3/8"-1 7/16"-1 1/2"-1 5/8"-1 3/4"-2"	
3 x	100 - 200 - 400 mm	
1 x	450 mm	
1 x	500 mm	

Socket set

- 12 point
- FlankTraction profil 12 point)
- Matt finish
- Chrome vanadium
- In durable plastic case



		kg
911.0722	21 pcs Socket set	14.00
16 x	19 - 21 - 22 - 23 - 24 - 26 - 27 - 29 - 30 32 - 35 - 36 - 38 - 41 - 46 - 50 mm	
3 x	100 - 200 - 400 mm	
1 x	450 mm	
1 x	500 mm	

Socket set

- Imperial sizes
- 12 point
- Matt finish
- Chrome vanadium
- In durable plastic case



		kg
911.0751	21 pcs Socket set	14.50
16 x	3/4"-13/16"-7/8"-15/16"-1"-1 1/16"-1 1/8"-1 3/16"-1 1/4"-1 5/16"-1 3/8"-1 7/16"-1 1/2"-1 5/8"-1 3/4"-2"	
3 x	100 - 200 - 400 mm	
1 x	450 mm	
1 x	500 mm	



1" SOCKETS

CLASSIC Hexagonal socket

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Short execution
- For manual operation
- Matt finish
- Chrome vanadium

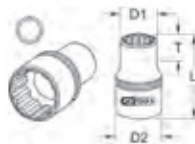


	mm	D1 mm	D2 mm	L mm	T mm	kg
911.1036	36.0	51.0	45.0	66.0	25.0	0.51
911.1038	38.0	54.0	45.0	66.0	26.0	0.54
911.1041	41.0	57.0	45.0	70.0	30.0	0.55
911.1046	46.0	65.0	50.0	75.0	30.0	0.80
911.1050	50.0	70.0	57.0	76.0	31.0	1.00
911.1054	54.0	74.0	57.0	81.0	32.0	1.10
911.1055	55.0	76.0	57.0	81.0	32.0	1.20
911.1058	58.0	79.0	57.0	81.0	32.0	1.26
911.1060	60.0	82.0	57.0	85.0	40.0	1.40
911.1063	63.0	86.0	57.0	87.0	40.0	1.50
911.1065	65.0	88.0	57.0	87.0	40.0	1.63
911.1067	67.0	90.0	57.0	88.0	40.0	1.70
911.1070	70.0	94.0	68.0	93.0	44.0	2.00
911.1071	71.0	95.0	68.0	93.0	45.0	2.10
911.1075	75.0	100.0	68.0	97.0	45.0	2.20
911.1077	77.0	101.0	68.0	101.0	50.0	2.25
911.1080	80.0	105.0	68.0	103.0	51.0	2.25
911.1022	1.7/16"	55.0	48.0	70.0	30.0	0.60
911.1023	1.1/2"	56.0	48.0	70.0	30.0	0.65
911.1024	1.5/8"	60.0	50.0	70.0	30.0	0.70
911.1025	1.13/16"	66.0	50.0	75.0	33.0	0.83
911.1026	1.7/8"	68.0	50.0	75.0	33.0	0.89
911.1027	2"	72.0	50.0	75.0	5.0	0.94
911.1028	2.1/16"	74.0	50.0	75.0	35.0	0.99
911.1029	2.3/16"	78.0	50.0	80.0	37.0	1.18
911.1031	2.1/4"	80.0	50.0	80.0	37.0	1.23
911.1032	2.3/8"	84.0	50.0	85.0	41.0	1.39
911.1033	2.7/16"	86.0	50.0	85.0	41.0	1.54
911.1034	2.9/16"	90.0	59.5	88.0	44.5	1.79
911.1035	2.5/8"	92.0	59.0	88.0	44.0	1.81
911.1037	2.3/4"	96.0	59.0	92.0	48.0	2.06
911.1039	2.13/16"	98.0	60.0	92.0	48.0	2.14
911.1042	2.15/16"	102.0	60.0	95.0	51.0	2.30
911.1043	3"	104.0	60.0	95.0	51.0	2.35
911.1044	3.1/8"	109.0	60.0	97.0	54.0	2.56



12 Point socket

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Short execution
- For manual operation
- Matt finish
- Chrome vanadium

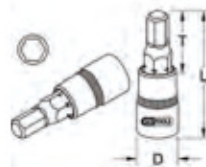


	mm	D1 mm	D2 mm	L mm	T mm	kg
911.1045	36.0	54.0	48.0	70.0	30.0	0.51
911.1047	38.0	56.0	48.0	70.0	30.0	0.60
911.1048	41.0	60.0	50.0	70.0	31.0	0.64
911.1049	46.0	66.0	50.0	75.0	34.0	0.90
911.1051	50.0	71.0	50.0	75.0	35.0	1.10
911.1052	54.0	75.0	50.0	80.0	36.0	1.14
911.1053	55.0	80.0	50.0	80.0	38.0	1.30
911.1056	58.0	83.0	50.0	85.0	40.0	1.40
911.1057	60.0	85.0	50.0	85.0	41.0	1.50
911.1059	63.0	86.0	60.0	88.0	43.0	1.68
911.1061	65.0	88.0	60.0	88.0	45.0	1.74
911.1062	67.0	90.0	60.0	88.0	46.0	1.85
911.1064	70.0	92.0	60.0	92.0	48.0	2.00
911.1066	71.0	94.0	60.0	92.0	50.0	2.13
911.1068	75.0	95.0	60.0	95.0	51.0	2.28
911.1069	77.0	93.0	60.0	96.0	52.0	2.40
911.1072	80.0	97.0	60.0	97.0	54.0	2.58
911.1073	1.7/16"	55.0	48.0	70.0	30.0	0.60
911.1074	1.1/2"	56.0	48.0	70.0	30.0	0.65
911.1076	1.5/8"	60.0	50.0	70.0	30.0	0.70
911.1078	1.13/16"	66.0	50.0	75.0	33.0	0.83
911.1079	1.7/8"	68.0	50.0	75.0	33.0	0.89
911.1082	2"	72.0	50.0	75.0	5.0	0.94
911.1083	2.1/16"	74.0	50.0	75.0	35.0	0.99
911.1084	2.3/16"	78.0	50.0	80.0	37.0	1.18
911.1093	2.1/4"	80.0	50.0	80.0	37.0	1.23
911.1094	2.3/8"	84.0	50.0	85.0	41.0	1.39
911.1095	2.7/16"	86.0	50.0	85.0	41.0	1.54
911.1096	2.9/16"	90.0	59.5	88.0	44.5	1.79
911.1097	2.5/8"	92.0	59.0	88.0	44.0	1.81
911.1098	2.3/4"	96.0	59.0	92.0	48.0	2.06
911.0801	2.13/16"	98.0	60.0	92.0	48.0	2.14
911.0802	2.15/16"	102.0	60.0	95.0	51.0	2.30
911.0803	3"	104.0	60.0	95.0	51.0	2.35
911.0804	3.1/8"	109.0	60.0	97.0	54.0	2.56

1" BIT SOCKETS

Bit socket for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Short execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



	mm	D mm	L mm	T mm	kg
911.1805	14.0	43.0	85.0	25.0	390
911.1806	17.0	43.0	85.0	25.0	415
911.1807	19.0	43.0	85.0	25.0	445
911.1808	22.0	48.0	90.0	25.0	660
911.1809	24.0	48.0	90.0	25.0	720
911.1811	27.0	49.0	90.0	25.0	830

1" T-HANDLES

Sliding adaptor

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- To the use with extensions
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	kg
911.1081	80.0	640

Universal handle

- With ball lock
- For manual operation
- Matt finish
- Chrome vanadium



	D mm	L mm	kg
911.1021	28.0	540.0	2.55

1" EXTENSIONS

CHROMEplus® Extension

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	kg
911.1020	200.0	1.33
911.1040	400.0	2.35

1/4" MANUAL DRIVE TOOLS

CHROMEplus® Flexible head drive handle

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Ideal for difficult to access areas
- Protects ratchet and torque wrenches from overloading
- Burnished head
- Chrome plated and mirror polished
- Chrome vanadium

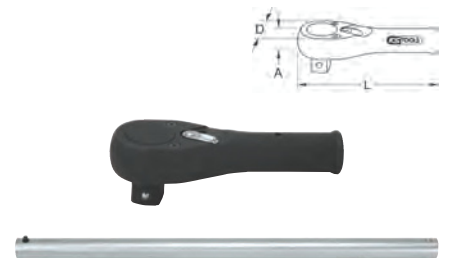


	L mm	head spare	kg
918.1802	1050.0	918.1802-1	3.80

1" RATCHETS

Reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Exact gearing 24 teeth ratchet mechanism
- Lightweight recessed reverse lever
- Ideally suited for extreme loads
- Burnished head
- With handle
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Replacement handle bar	Repair set	kg
911.1019	35.0	70.0	210.0	911.1021	911.1099	4.60

1" SET ASSORTMENTS

Socket set

- 6 point
- Flank Traction profil
- Matt finis
- Chrome vanadium
- Robust 24 teeth ratchet mechanism
- In durable steel storage case



		kg
911.0815	15 pcs 36 - 41 - 46 - 50 - 55 - 60 - 65 - 70 - 75 - 80 mm	29.00
911.0822	22 pcs 36 - 38 - 41 - 46 - 50 - 54 - 55 - 58 - 60 - 63 - 65 - 67 - 70 - 71 - 75 - 77 - 80 mm	43.50

Socket set

- 12 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- Robust 24 teeth ratchet mechanism
- In durable steel storage case



		kg
911.0814	15 pcs 36 - 41 - 46 - 50 - 55 - 60 - 65 - 70 - 75 - 80 mm	29.00
911.0824	22 pcs 36 - 38 - 41 - 46 - 50 - 54 - 55 - 58 - 60 - 63 - 65 - 67 - 70 - 71 - 75 - 77 - 80 mm	43.50



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1/4" POWER SOCKETS

Hexagon impact socket

- 6 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	mm	L mm	D1 mm	D2 mm	T mm	9
515.1501	4.0		23.0	10.0	13.0	3.0	12
515.1502	4.5		23.0	10.0	13.0	3.0	12
515.1503	5.0		23.0	10.0	13.0	3.0	12
515.1541	5.5		23.0	10.0	13.0	3.0	14
515.1542	6.0		23.0	10.0	13.0	3.0	14
515.1543	7.0		23.0	11.0	13.0	3.0	14
515.1544	8.0		23.0	12.0	13.0	3.5	14
515.1545	9.0		23.0	13.0	13.0	4.0	16
515.1546	10.0		23.0	14.0	13.0	5.0	16
515.1547	11.0		23.0	16.0	13.0	6.0	19
515.1548	12.0		23.0	17.0	13.0	6.0	19
515.1549	13.0		23.0	19.0	13.0	6.0	21
515.1550	14.0		23.0	20.0	13.0	7.0	21
515.1552		3/16"	23.0	9.0	13.0	3.0	14
515.1553		1/4"	23.0	10.0	13.0	3.0	14
515.1554		5/16"	23.0	13.0	13.0	3.0	14
515.1505		11/32"	23.0	13.0	10.0	4.0	15
515.1555		3/8"	23.0	14.0	13.0	4.0	16
515.1556		7/16"	23.0	16.0	13.0	6.0	19
515.1525		1/2"	23.0	17.0	14.0	6.0	22

Spiral profile impact socket

- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Rejuvenating special profile with aggressive spiral nut
- For turning off of screws with rounded or turned heads
- Bites firmly to give a firm connection between stuck nut and head
- Phosphate finish
- Chrome molybdenum



	mm	D mm	L mm	9
913.1473	6.0	17.0	32.0	40
913.1408	8.0	17.0	32.0	40
913.1410	10.0	17.0	32.0	40
913.1470	11.0	17.0	32.0	40
913.1412	12.0	17.0	32.0	40



Spiral profile impact socket set

- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Rejuvenating special profile with aggressive spiral nut
- For turning off of screws with rounded or turned heads
- Bites firmly to give a firm connection between stuck nut and head
- Drive out pin
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



	mm	9	
913.1460	15 pcs	Spiral profile impact socket set	1.10
8 x		1/2": 13 - 14 - 15 - 17 - 19 - 21 - 24 - 27 mm	
5 x		1/4": 6 - 8 - 10 - 11 - 12 mm	
2 x		1/4"	

1/4" POWER EXTENSIONS

Impact extension

- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3121 / ISO 1174
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	L mm	D mm	9
515.1560	50.0	13.0	25

1/4" POWER ADAPTERS

Impact socket adapter

- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3121 / ISO 1174
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	L mm	D mm	9	
515.1530	1/4"	3/8"	26.0	13.0	16

Impact adaptor and reducing adaptor set

- Ideal set of compilation for adaptors and ball joints
- Chrome molybdenum
- In durable plastic case



	mm	9	
515.0100	9 pcs	Impact adaptor and reducing adaptor set	1.78
1 x		1/4" F x 3/8" M	
1 x		3/8" F x 1/4" M	
1 x		3/8" F x 1/2" M	
1 x		1/2" F x 3/8" M	
1 x		1/2" F x 3/4" M	
1 x		3/4" F x 1/2" M	
1 x		3/8"	
1 x		1/2"	
1 x		3/4"	

1/4" POWER SECURING ELEMENTS

O-Ring

- For impact drivers and impact sockets
- For safeguard



	for sockets mm	D mm	B mm	9
515.1403	5.5-17	9.0	3.0	1

Connection pin for sockets

- For impact drivers and impact sockets
- For safeguard



	for sockets mm	D mm	L mm	9
515.1404	5.5-17	1.5	10.0	1

3/8" POWER SOCKETS

Hexagon impact socket

- 6 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	L mm	D1 mm	D2 mm	T mm	kg
515.1506	6.0	28.0	11.0	19.0	3.0	32
515.1507	7.0	32.0	12.0	19.0	3.5	32
515.1508	8.0	32.0	14.0	19.0	4.0	32
515.1509	9.0	32.0	15.0	19.0	4.0	32
515.1510	10.0	32.0	16.0	19.0	5.0	33
515.1511	11.0	32.0	17.0	19.0	6.0	35
515.1512	12.0	32.0	18.0	19.0	6.0	35
515.1513	13.0	32.0	20.0	19.0	6.0	46
515.1514	14.0	32.0	21.0	22.0	8.0	46
515.1515	15.0	32.0	22.0	22.0	8.0	50
515.1516	16.0	32.0	24.0	22.0	8.0	54
515.1517	17.0	32.0	24.0	22.0	8.0	54
515.1518	18.0	32.0	26.0	22.0	9.0	62
515.1519	19.0	32.0	28.0	22.0	9.0	70
515.1520	20.0	32.0	28.0	22.0	9.0	70
515.1521	21.0	32.0	30.0	22.0	10.0	70
515.1522	22.0	32.0	32.0	22.0	10.0	83
515.1523	23.0	32.0	32.0	22.0	12.0	120
515.1524	24.0	32.0	34.0	22.0	12.0	130
515.1526	5/16"	26.0	14.5	19.0	3.5	30
515.1527	3/8"	26.0	15.2	19.0	3.5	30
515.1528	7/16"	26.0	16.7	19.0	3.5	35
515.1529	1/2"	27.0	18.5	19.0	3.5	45
515.1551	9/16"	27.0	20.5	22.0	4.0	55
515.1557	7/8"	28.0	22.5	22.0	4.0	60
515.1558	5/8"	290.0	24.5	22.0	4.0	65
515.1559	11/16"	30.0	26.8	22.0	5.0	75
515.1561	3/4"	31.0	28.5	22.0	5.0	85
515.1562	13/16"	32.0	30.0	22.0	5.0	95

Hexagon impact socket set

- 6 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- On a socket rail



	kg
515.0608 8 pcs 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 mm	1,49



Hexagon impact socket, deep

- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	L mm	D1 mm	D2 mm	T mm	kg
515.1606	6,0	63.0	11.0	19.0	4.0	75
515.1607	7,0	63.0	12.0	19.0	4.0	75
515.1608	8,0	63.0	14.0	19.0	4.0	75
515.1609	9,0	63.0	15.0	19.0	4.0	75
515.1610	10,0	63.0	16.0	19.0	5.0	75
515.1611	11,0	63.0	17.0	19.0	6.0	75
515.1612	12,0	63.0	18.0	19.0	6.0	80
515.1613	13,0	63.0	20.0	22.0	6.0	105
515.1614	14,0	63.0	21.0	22.0	8.0	105
515.1615	15,0	63.0	22.0	22.0	8.0	110
515.1616	16,0	63.0	24.0	22.0	8.0	125
515.1617	17,0	63.0	24.0	22.0	8.0	125
515.1618	18,0	63.0	26.0	22.0	9.0	135
515.1619	19,0	63.0	28.0	22.0	9.0	165
515.1620	20,0	63.0	28.0	22.0	9.0	220
515.1621	21,0	63.0	30.0	22.0	10.0	230
515.1622	22,0	63.0	32.0	22.0	10.0	240
515.1623	23,0	63.0	32.0	22.0	12.0	260
515.1624	24,0	63.0	34.0	22.0	12.0	260



Hexagon impact socket set, deep

- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- On a socket rail



	kg
515.0648 8 pcs 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 mm	1,00

12 point impact socket

- 12 point
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	L mm	D1 mm	D2 mm	T mm	kg
515.1563	6.0	28.0	11.3	19.0	3.0	32
515.1564	7.0	32.0	12.1	19.0	3.5	32
515.0958	8.0	28.0	14.0	19.0	4.0	40
515.0959	9.0	28.0	15.0	19.0	4.0	40
515.0960	10.0	28.0	16.0	19.0	5.0	40
515.0961	11.0	30.0	17.0	19.0	6.0	40
515.0962	12.0	30.0	18.0	19.0	6.0	40
515.0963	13.0	30.0	20.0	22.0	6.0	60
515.0964	14.0	30.0	21.0	22.0	8.0	60
515.0965	15.0	30.0	22.0	22.0	8.0	60
515.0966	16.0	30.0	24.0	22.0	8.0	70
515.0967	17.0	32.0	24.0	22.0	8.0	80
515.0968	18.0	32.0	26.0	22.0	9.0	80
515.0969	19.0	32.0	28.0	22.0	9.0	90
515.1565	20.0	32.0	27.8	22.0	9.0	70
515.1566	21.0	32.0	29.8	22.0	10.0	70
515.1567	22.0	32.0	31.8	22.0	10.0	83
515.1568	23.0	32.0	31.8	22.0	12.0	120
515.1569	24.0	32.0	33.8	22.0	12.0	130
515.1570	5/16"	26.0	14.5	19.0	3.5	30
515.1571	3/8"	26.0	15.2	19.0	3.5	30
515.1572	7/16"	26.0	16.7	19.0	3.5	35
515.1573	1/2"	27.0	18.5	19.0	3.5	45
515.1574	9/16"	27.0	20.5	22.0	4.0	55
515.1575	7/8"	28.0	22.5	22.0	4.0	60
515.1576	5/8"	290.0	24.5	22.0	4.0	65
515.1577	11/16"	30.0	26.8	22.0	5.0	75
515.1578	3/4"	31.0	28.5	22.0	5.0	85
515.1579	13/16"	32.0	30.0	22.0	5.0	95

12 Point impact socket

- 12 point
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



	kg
515.0950 10 pcs 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 mm	1,65

Spiral profile impact socket

- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Rejuvenating special profile with aggressive spiral nut
- For turning off of screws with rounded or turned heads
- Bites firmly to give a firm connection between stuck nut and head
- Phosphate finish
- Chrome molybdenum



	mm	D mm	L mm	Weight
913.3860	10,0	15,0	34,0	30
913.3861	11,0	16,0	34,0	30
913.3862	12,0	18,0	34,0	40
913.3863	13,0	18,5	34,0	40
913.3864	14,0	20,5	34,0	40
913.3865	15,0	22,0	34,0	60
913.3866	16,0	22,5	34,0	60
913.3867	17,0	24,5	34,0	70
913.3868	18,0	26,0	34,0	80
913.3869	19,0	27,0	34,0	80

Spiral profile impact socket set

- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Rejuvenating special profile with aggressive spiral nut
- For turning off of screws with rounded or turned heads
- Bites firmly to give a firm connection between stuck nut and head
- Drive out pin
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



Part No.	Quantity	Description	Weight
913.3855	10 pcs	Spiral profile impact socket set	660

consists of:

Part No.	Description	Weight
913.3860	3/8" Spiral profile socket, 10 mm	30
913.3861	3/8" Spiral profile socket, 11 mm	30
913.3862	3/8" Spiral profile socket, 12 mm	40
913.3863	3/8" Spiral profile socket, 13 mm	40
913.3864	3/8" Spiral profile socket, 14 mm	40
913.3865	3/8" Spiral profile socket, 15 mm	60
913.3866	3/8" Spiral profile socket, 16 mm	60
913.3867	3/8" Spiral profile socket, 17 mm	70
913.3869	3/8" Spiral profile socket, 19 mm	80
913.3870	Burr arbor	30

TX E impact socket

- TX E profil
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



		L mm	D1 mm	D2 mm	T mm	Weight
515.0980	E5	30,0	8,0	19,0	4,0	30
515.0981	E6	30,0	10,0	19,0	5,0	30
515.0982	E7	30,0	10,0	19,0	6,0	30
515.0983	E8	30,0	11,0	19,0	6,0	30
515.0984	E10	30,0	13,0	19,0	8,0	37
515.0985	E12	30,0	15,0	19,0	9,0	40
515.0986	E14	30,0	17,0	19,0	10,0	50

3/8" POWER EXTENSIONS

Impact extension

- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3121 / ISO 1174
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	L mm	D mm	Weight
515.1534	75,0	19,0	85
515.1535	150,0	19,0	150
515.1540	250,0	19,0	250

3/8" POWER BALL JOINTS

Impact universal ball joint

- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3121 / ISO 1174
- Suspension
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	L mm	D mm	Weight	
515.1533	3/8"	3/8"	53,0	24,0	105

3/8" POWER ADAPTERS

Impact adaptor

- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3121 / ISO 1174
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	mm	L mm	D mm	Weight
515.1531	3/8"	1/4"	32,0	22,0	20
515.1532	3/8"	1/2"	36,0	22,0	62

Impact adaptor and reducing adaptor set

- Ideal set of compilation for adaptors and ball joints
- Chrome molybdenum
- In durable plastic case



	Weight	Description	Weight
515.0100	9 pcs	Impact adaptor and reducing adaptor set	1,78
1 x		1/4" F x 3/8" M	
1 x		3/8" F x 1/4" M	
1 x		3/8" F x 1/2" M	
1 x		1/2" F x 3/8" M	
1 x		1/2" F x 3/4" M	
1 x		3/4" F x 1/2" M	
1 x		3/8"	
1 x		1/2"	
1 x		3/4"	

3/8" POWER SECURING ELEMENTS

O-Ring

- For impact drivers and impact sockets
- For safeguard



	to width mm	D mm	B mm	Weight
515.1536	6-12	13,0	4,0	10
515.1537	13-22	16,0	4,0	12

Connection pin for sockets

- For impact drivers and impact sockets
- For safeguard



3/8"

	for sockets mm	D mm	L mm	Ⓜ
515.1538	6-12	2,5	14,0	10
515.1539	13-22	2,5	16,0	14

1/2" POWER SOCKETS

Hexagon impact socket

- 6 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



1/2"

	Ⓜ	mm	L mm	D1 mm	D2 mm	T mm	Ⓜ
515.1008	8,0		38,0	15,0	24,0	8,0	57
515.1009	9,0		38,0	16,0	24,0	8,0	60
515.1010	10,0		38,0	17,0	24,0	10,0	60
515.1011	11,0		38,0	18,0	24,0	10,0	62
515.1012	12,0		38,0	20,0	24,0	10,0	64
515.1013	13,0		38,0	21,0	24,0	10,0	67
515.1014	14,0		38,0	22,0	24,0	11,0	69
515.1015	15,0		38,0	23,0	24,0	11,0	74
515.1016	16,0		38,0	25,0	24,0	11,0	72
515.1017	17,0		38,0	26,0	26,0	12,0	89
515.1018	18,0		38,0	27,0	28,0	13,0	111
515.1019	19,0		38,0	28,0	28,0	13,0	100
515.1020	20,0		38,0	30,0	30,0	13,0	121
515.1021	21,0		38,0	30,0	30,0	14,0	125
515.1022	22,0		38,0	32,0	30,0	14,0	130
515.1023	23,0		38,0	34,0	30,0	15,0	140
515.1024	24,0		38,0	34,0	30,0	15,0	138
515.1025	25,0		40,0	36,0	30,0	16,0	157
515.1026	26,0		40,0	38,0	30,0	16,0	158
515.1027	27,0		42,0	38,0	30,0	18,0	158
515.1028	28,0		42,0	40,0	30,0	18,0	189
515.1029	29,0		42,0	40,0	30,0	19,0	176
515.1030	30,0		42,0	42,0	30,0	19,0	202
515.1031	31,0		42,0	42,0	30,0	20,0	223
515.1032	32,0		44,0	44,0	30,0	20,0	226
515.0040		3/8"	38,0	17,0	24,0	9,0	70
515.0041		7/16"	38,0	18,0	24,0	9,0	70
515.0042		1/2"	38,0	21,0	24,0	13,0	75
515.0043		9/16"	38,0	22,0	24,0	13,0	80
515.0044		5/8"	38,0	25,0	24,0	14,0	115
515.0045		11/16"	38,0	26,0	26,0	16,0	120
515.0046		3/4"	38,0	28,0	28,0	16,0	120
515.0047		13/16"	38,0	30,0	30,0	17,0	120
515.0048		7/8"	38,0	32,0	30,0	18,0	130
515.0049		15/16"	38,0	34,0	30,0	19,0	135
515.0050		1"	40,0	36,0	30,0	19,0	140
515.0051		1.1/16"	42,0	38,0	30,0	20,0	180
515.0052		1.1/8"	42,0	40,0	30,0	20,0	200
515.0053		1.1/4"	42,0	44,0	30,0	21,0	220
515.0054		1.5/16"	44,0	44,0	30,0	22,0	230

Hexagon impact socket set

- 6 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable plastic case

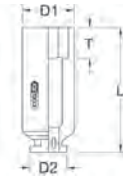


1/2"

	Ⓜ	mm	L mm	D1 mm	D2 mm	T mm	Ⓜ
515.0112	12 pcs						2,40
10 x							10 - 11 - 13 - 14 - 17 - 19 - 21 - 22 23 - 24 mm
1 x							1/2"
1 x							125 mm

Hexagon impact socket, deep

- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



1/2"

	Ⓜ	mm	L mm	D1 mm	D2 mm	T mm	Ⓜ
515.1108	8,0		78,0	15,0	24,0	12,0	160
515.1109	9,0		78,0	16,0	24,0	12,0	160
515.1110	10,0		78,0	17,0	24,0	12,0	160
515.1111	11,0		78,0	18,0	24,0	13,0	160
515.1112	12,0		78,0	20,0	24,0	14,0	160
515.1113	13,0		78,0	21,0	24,0	14,0	180
515.1114	14,0		78,0	22,0	24,0	14,0	180
515.1115	15,0		78,0	23,0	24,0	15,0	210
515.1116	16,0		78,0	25,0	24,0	16,0	210
515.1117	17,0		78,0	26,0	26,0	17,0	220
515.1118	18,0		78,0	27,0	28,0	18,0	220
515.1119	19,0		78,0	28,0	28,0	20,0	220
515.1120	20,0		78,0	30,0	30,0	20,0	220
515.1121	21,0		78,0	30,0	30,0	22,0	220
515.1122	22,0		78,0	32,0	30,0	22,0	230
515.1123	23,0		78,0	34,0	30,0	24,0	230
515.1124	24,0		78,0	34,0	30,0	24,0	310
515.1125	25,0		78,0	36,0	30,0	24,0	340
515.1126	26,0		78,0	38,0	30,0	27,0	340
515.1127	27,0		78,0	38,0	30,0	27,0	410
515.1128	28,0		78,0	40,0	30,0	27,0	410
515.1129	29,0		78,0	40,0	30,0	27,0	410
515.1130	30,0		78,0	42,0	30,0	30,0	410
515.1131	31,0		78,0	42,0	30,0	31,0	410
515.1132	32,0		78,0	44,0	30,0	32,0	430

Hexagon impact socket set, deep

- 6 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- On a magnetic storage rail



1/2"

	Ⓜ	mm	L mm	D1 mm	D2 mm	T mm	Ⓜ
515.0612	13 pcs						2,69
10 x							12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm
1 x							1/2"
1 x							125 mm

12 point impact socket

- 12 point
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



1/2"

	Ⓜ	mm	L mm	D1 mm	D2 mm	T mm	Ⓜ
515.0987	8,0		78,0	14,6	25,0	12,0	160
515.0988	9,0		78,0	15,8	25,0	12,0	160
515.0910	10,0		38,0	17,0	24,0	6,0	100
515.0911	11,0		38,0	18,0	24,0	7,0	100
515.0912	12,0		38,0	20,0	24,0	7,0	100
515.0913	13,0		38,0	21,0	24,0	8,0	100
515.0914	14,0		38,0	22,0	24,0	8,0	100
515.0915	15,0		38,0	23,0	24,0	9,0	140
515.0916	16,0		38,0	25,0	24,0	9,0	140
515.0917	17,0		38,0	26,0	26,0	10,0	140
515.0918	18,0		38,0	27,0	28,0	10,0	140
515.0919	19,0		38,0	28,0	28,0	12,0	140
515.0920	20,0		38,0	30,0	30,0	12,0	140
515.0921	21,0		38,0	30,0	30,0	13,0	150
515.0922	22,0		38,0	32,0	30,0	14,0	150
515.0923	23,0		38,0	34,0	30,0	14,0	160
515.0924	24,0		38,0	34,0	30,0	16,0	160
515.0925	25,0		78,0	35,8	30,0	24,0	340
515.0926	26,0		78,0	37,0	30,0	27,0	340
515.0927	27,0		78,0	38,3	30,0	27,0	410
515.0928	28,0		78,0	39,5	30,0	27,0	410
515.0929	29,0		78,0	40,8	30,0	27,0	410
515.0930	30,0		78,0	42,1	30,0	30,0	410
515.0931	31,0		78,0	43,3	30,0	30,0	410
515.0933	32,0		78,0	44,6	30,0	32,0	430
515.0901		3/8"	38,0	17,0	25,0	6,0	70
515.0902		7/16"	38,0	18,5	25,0	8,0	70
515.0903		1/2"	38,0	20,5	25,0	8,0	75
515.0904		9/16"	38,0	23,0	25,0	8,0	80
515.0905		5/8"	38,0	24,5	30,0	9,0	115
515.0906		11/16"	38,0	27,0	30,0	9,0	120
515.0907		3/4"	38,0	28,0	30,0	10,0	120
515.0908		13/16"	38,0	30,0	30,0	12,0	120
515.0909		7/8"	38,0	31,8	30,0	12,0	130
515.0934		15/16"	38,0	33,8	30,0	14,0	135
515.0935		1"	40,0	35,8	30,0	14,0	140
515.0936		1.1/16"	43,0	37,8	30,0	14,0	180
515.0937		1.1/8"	43,0	39,8	30,0	16,0	200
515.0938		1.1/4"	43,0	43,8	30,0	18,0	220
515.0939		1.5/16"	46,0	44,8	30,0	18,0	230

12 Point impact socket set

- 12 point
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



515.0900	13 pcs	10 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 20 - 21 - 22 - 23 - 24 mm	2.80
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12 point impact socket, deep

- 12 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	L mm	D1 mm	D2 mm	T mm	kg
515.0940	8.0	78.0	14.0	25.0	12.0	160
515.0941	9.0	78.0	15.8	25.0	12.0	160
515.0942	10.0	78.0	17.0	25.0	12.0	155
515.0943	11.0	78.0	18.4	25.0	13.0	160
515.0944	12.0	78.0	16.6	25.0	14.0	160
515.0945	13.0	78.0	18.4	25.0	12.0	160
515.0946	14.0	78.0	20.8	25.0	12.0	185
515.0947	15.0	78.0	23.3	30.0	15.0	210
515.0948	16.0	78.0	24.6	25.0	13.0	210
515.0949	17.0	78.0	25.8	30.0	17.0	230
515.0951	18.0	78.0	27.1	30.0	18.0	240
515.0952	19.0	78.0	28.3	30.0	20.0	250
515.0953	20.0	78.0	29.5	30.0	20.0	260
515.0954	21.0	78.0	30.8	30.0	22.0	275
515.0955	22.0	78.0	32.3	30.0	22.0	300
515.0956	23.0	78.0	33.3	30.0	24.0	230
515.0957	24.0	78.0	34.6	30.0	24.0	370
515.0971	25.0	78.0	35.8	30.0	24.0	340
515.0972	26.0	78.0	37.0	30.0	27.0	340
515.0973	27.0	78.0	38.3	30.0	27.0	430
515.0974	28.0	78.0	39.5	30.0	27.0	410
515.0975	29.0	78.0	40.8	30.0	27.0	410
515.0976	30.0	85.0	42.1	30.0	27.0	510
515.0977	31.0	85.0	43.3	30.0	31.0	410
515.0978	32.0	85.0	44.6	30.0	32.0	560

12 Point impact socket set, deep

- 12 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- On a magnetic storage rail



515.1140	13 pcs	12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm	2.70
10 x		1/2"	
1 x		125 mm	

TX E impact socket, short

- TX E
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



		L mm	D1 mm	D2 mm	T mm	kg
911.0958	E10	38.0	13.5	25.0	8.0	80
911.0959	E12	38.0	15.5	25.0	10.0	80
911.0961	E14	38.0	17.5	25.0	10.0	85
911.0962	E16	38.0	19.6	25.0	10.0	85
911.0963	E18	38.0	21.7	30.0	11.0	85
911.0964	E20	38.0	23.8	30.0	11.0	85
911.0969	E24	38.0	28.3	30.0	11.0	90

Impact socket set, short

- TX-E
- Internal square drive to DIN 3121 / ISO 1174
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- Includes storage rail



515.1106	7 pcs	E10 - E12 - E14 - E16 - E18 - E20 - E24	1.45
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TX E impact socket, deep

- TX E
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



		L mm	D1 mm	D2 mm	T mm	kg
515.1051	E10	75.0	13.0	22.0	8.0	150
515.1052	E11	75.0	14.0	22.0	21.0	150
515.1053	E12	75.0	16.0	22.0	21.0	150
515.1054	E14	75.0	16.0	22.0	18.0	170
515.1055	E16	75.0	19.0	22.0	20.0	180
515.1056	E18	75.0	20.0	22.0	19.0	200
515.1057	E20	75.0	24.0	22.0	20.0	240
515.1058	E22	75.0	26.0	24.0	34.0	280
515.1059	E24	75.0	28.0	26.0	21.0	320

Impact socket set

- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



515.1050	9 pcs	E10 - E11 - E12 - E14 - E16 - E18 - E20 - E22 - E24	1.97
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Spiral profile impact socket

- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Rejuvenating special profile with aggressive spiral nut
- For turning off of screws with rounded or turned heads
- Bites firmly to give a firm connection between stuck nut and head
- Phosphate finish
- Chrome molybdenum



	mm	L mm	kg
913.1469	12.0	34.0	40
913.1468	13.0	34.0	50
913.1467	14.0	34.0	70
913.1466	15.0	34.0	70
913.1465	17.0	34.0	70
913.1464	19.0	34.0	90
913.1249	19.0	50.0	90
913.1250	20.0	50.0	110
913.1463	21.0	34.0	90
913.1252	22.0	50.0	120
913.1253	23.0	50.0	130
913.1462	24.0	34.0	110
913.1255	25.0	50.0	150
913.1461	27.0	34.0	110

Spiral profile impact socket set, extra deep

- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Rejuvenating special profile with aggressive spiral nut
- For turning off of screws with rounded or turned heads
- Bites firmly to give a firm connection between stuck nut and head
- Drive out pin
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



913.1240	6 pcs	Spiral profile impact socket set, extra deep	690

consists of:

913.1249	1/2"	Spiral-Profile -Socket, 19 mm	90
913.1250	1/2"	Spiral-Profile -Socket, 20 mm	110
913.1252	1/2"	Spiral-Profile -Socket, 22 mm	120
913.1253	1/2"	Spiral-Profile -Socket, 23 mm	130
913.1255	1/2"	Spiral-Profile -Socket, 25 mm	150

Spiral profile impact socket set

- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Rejuvenating special profile with aggressive spiral nut
- For turning off of screws with rounded or turned heads
- Bites firmly to give a firm connection between stuck nut and head
- Drive out pin
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



913.1460	15 pcs	Spiral profile impact socket set	1.10

8 x		1/2": 13 - 14 - 15 - 17 - 19 - 21 - 24 - 27 mm
5 x		1/4": 6 - 8 - 10 - 11 - 12 mm
2 x		1/4"

1/2" WHEEL ASSEMBLY SOCKETS

Spiral profile impact socket set

- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Rejuvenating special profile with aggressive spiral nut
- For turning off of screws with rounded or turned heads
- Bites firmly to give a firm connection between stuck nut and head
- Phosphate finish
- Chrome molybdenum



913.1270	3 pcs	Spiral profile impact socket set	600

consists of:

913.1271	1/2"	Spiral profile impact socket 17 mm	140
913.1272	1/2"	Spiral profile impact socket 19 mm	200
913.1273	1/2"	Spiral profile impact socket 21 mm	210



Spiral profile impact socket set

- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Rejuvenating special profile with aggressive spiral nut
- For turning off of screws with rounded or turned heads
- Bites firmly to give a firm connection between stuck nut and head
- Phosphate finish
- Chrome molybdenum



913.1280	3 pcs	Spiral profile impact socket set	600

consists of:

913.1281	1/2"	Spiral profile impact socket 17 mm	130
913.1282	1/2"	Spiral profile impact socket 19 mm	170
913.1283	1/2"	Socket Extension, 75 mm	160

Spiral profile impact socket set, extra deep

- For example VAG and all vehicles with wheel nuts and/or bolt
- For loosening and unscrewing tight bolts and nuts with damaged or rounded heads
- Extra long execution 145 mm
- Internal square to DIN 3121 / ISO 1174 with ball reception
- For machinery usage
- Includes impact bar to extract or remove the damaged bolt or nut
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



913.1290	4 pcs	Spiral profile impact socket set, extra deep	1.50

consists of:

913.1291	1/2"	Spiral profile impact socket 17 mm	300
913.1292	1/2"	Spiral profile impact socket 19 mm	320
913.1293	1/2"	Spiral profile impact socket 21 mm	340
913.1295		Impact bar	540

Hexagon impact socket set, deep

- 6 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- Includes storage rail



515.0103	3 pcs	17 - 19 - 21 mm	0.86

Aluminium wheel impact socket, deep

- Specially for the wheel assembly and/or dismantling
- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Plastic sleeves for the damage free work on aluminum rims
- Plastic sleeves interchangeable
- Colour coded identifies the socket size
- Chrome vanadium



Colour code	mm	L mm	D1 mm	D2 mm	T mm	Replacement sleeves				
515.2015	●	15,0	85,0	21,0	25,0	23,0	515.2035	180		
515.2017	●	17,0	85,0	24,0	30,0	23,0	515.2030	231		
515.2019	●	19,0	85,0	26,0	30,0	23,0	515.2031	235		
515.2021	●	21,0	85,0	28,0	30,0	23,0	515.2032	258		
515.2022	●	22,0	85,0	30,0	32,0	23,0	515.2033	320		

Aluminium wheel impact socket set, deep

- Specially for the wheel assembly and/or dismantling
- 6 point
- Internal square to DIN 3121 / ISO 1174 with ball reception
- For machinery usage
- Plastic sleeves for the damage free work on aluminum rims
- Plastic sleeves interchangeable
- Colour coded identifies the socket size
- Chrome vanadium
- In durable plastic case



Part No.	Quantity	Size	Weight
515.1005	3 pcs	17 - 19 - 21 mm	0.86
515.1006	4 pcs	17 - 19 - 21 - 22 mm	1.45
515.1007	5 pcs	15 - 17 - 19 - 21 - 22 mm	1.40

Aluminium wheel impact socket, extra deep

- Specially for the wheel assembly and/or dismantling
- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Extra long execution
- For machinery usage
- Plastic sleeves for the damage free work on aluminum rims
- Plastic sleeves interchangeable
- Colour coded identifies the socket size
- Chrome vanadium



Part No.	Colour code	L mm	D1 mm	D2 mm	T mm	Replacement sleeve	Weight
515.2040	Blue	17.0	150.0	28.0	30.0	31.0	515.2045 600
515.2041	Yellow	19.0	150.0	29.5	30.0	31.0	515.2046 650
515.2042	Red	21.0	150.0	31.0	30.0	31.0	515.2047 700

Aluminium wheel impact socket set, extra deep

- Specially for the wheel assembly and/or dismantling
- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Extra long execution
- For machinery usage
- Plastic sleeves for the damage free work on aluminum rims
- Plastic sleeves interchangeable
- Colour coded identifies the socket size
- Chrome vanadium
- In durable plastic case



Part No.	Quantity	Description	Weight
515.1040	6 pcs	Aluminium wheel impact socket set, extra deep	1.45
3 x		17 mm - 19 mm - 21 mm	
3 x		17 mm - 19 mm - 21 mm	

Special aluminium wheel impact socket, extra deep

- Specially for the wheel assembly and/or dismantling on aluminium sports wheels with deep lying wheel screws
- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Extra long and thin walled execution
- For machinery usage
- Plastic sleeves for the damage free work on aluminum rims
- Plastic sleeves interchangeable
- Phosphate finish
- Chrome molybdenum



Part No.	L mm	D1 mm	D2 mm	T mm	Replacement sleeve	Weight
515.2043	17.0	130.0	28.0	30.0	19.0	515.2044 350

Aluminium wheel impact socket, deep

- Robust execution
- Specially for the wheel assembly and/or dismantling
- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Plastic sleeves for the damage-free work on aluminium rims
- Plastic sleeve it protects the surfaces at the wheel screws/ nuts
- Plastic sleeves interchangeable
- Colour coded identifies the socket size
- Phosphate finish
- Chrome molybdenum



Part No.	Colour code	L mm	D1 mm	D2 mm	T mm	Replacement sleeve	Weight
515.1072	Green	15.0	85.0	24.4	25.0	23.0	515.2053 150
515.1073	Blue	17.0	85.0	26.5	30.0	23.0	515.2050 220
515.1075	Yellow	19.0	85.0	28.5	30.0	23.0	515.2051 235
515.1076	Red	21.0	85.0	30.5	30.0	23.0	515.2052 257
515.1077	Orange	22.0	85.0	31.6	32.0	23.0	515.2054 262

Aluminium wheel impact socket set, deep

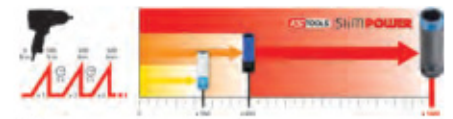
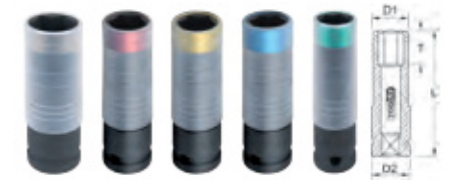
- Robust execution
- Specially for the wheel assembly and/or dismantling
- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Plastic sleeves for the damage-free work on aluminium rims
- Plastic sleeve it protects the surfaces at the wheel screws/ nuts
- Plastic sleeves interchangeable
- Colour coded identifies the socket size
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



Part No.	Quantity	Size	Weight
515.1070	3 pcs	17 - 19 - 21 mm	0.78

SlimPOWER Alloy rim impact socket, deep

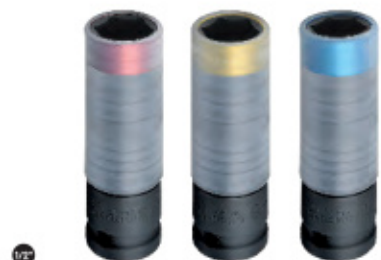
- Very robust execution
- Specially for the wheel assembly and/or dismantling
- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Plastic sleeves for the damage-free work on aluminium rims
- Plastic sleeve it protects the surfaces at the wheel screws/ nuts
- Plastic sleeves interchangeable
- Colour coded identifies the socket size
- Phosphate finish
- Chrome molybdenum



Part No.	Colour code	L mm	D1 mm	D2 mm	T mm	Weight
515.0991	Green	15.0	86.0	24.5	20.0	155
515.0992	Blue	17.0	86.0	26.0	20.0	220
515.0993	Yellow	19.0	86.0	26.0	27.5	207
515.0994	Red	21.0	86.0	26.0	29.5	251
515.0995	Grey	22.0	86.0	32.0	30.0	266

SlimPOWER Alloy rim impact socket set, deep

- Very robust execution
- Specially for the wheel assembly and/or dismantling
- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Plastic sleeves for the damage-free work on aluminium rims
- Plastic sleeve it protects the surfaces at the wheel screws/ nuts
- Plastic sleeves interchangeable
- Colour coded identifies the socket size
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



Part No.	Quantity	Size	Weight
515.0989	2 pcs	17 - 19 mm	404
515.0990	3 pcs	17 - 19 - 21 mm	791



1/2" POWER BIT SOCKETS

Impact bit socket, hexagon

- Hexagon socket
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finis
- Chrome molybdenum



	mm	L mm	D mm	g
911.0903	5,0	38,0	25,0	70
911.0904	6,0	38,0	25,0	72
911.0905	8,0	38,0	25,0	77
911.0906	10,0	38,0	25,0	80
911.0907	12,0	38,0	30,0	135
911.0908	14,0	43,0	30,0	145
911.0909	17,0	43,0	30,0	155
911.0911	19,0	43,0	30,0	155

Impact bit socket set for hexagon screws, short

- Hexagon socket
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finis
- Chrome molybdenum
- Includes storage rail



	mm	L mm	D mm	T mm	g
515.1102	6 pcs	8 - 10 - 12 - 14 - 17 - 19 mm			1,45
515.1103	4 pcs	5 - 6 - 8 - 10 mm			1,00

Impact bit socket for hexagon screws, long

- Hexagon socket
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finis
- Chrome molybdenum



	mm	L mm	D mm	g
911.0925	5,0	75,0	25,0	90
911.0926	6,0	75,0	25,0	92
911.0927	8,0	75,0	25,0	102
911.0928	10,0	75,0	25,0	130
911.0929	12,0	75,0	25,0	136
911.0930	14,0	75,0	25,0	136
911.0931	17,0	75,0	25,0	140
911.0932	19,0	75,0	25,0	210

Impact bit socket set for hexagon screws, long

- Hexagon socket
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finis
- Chrome molybdenum
- Includes storage rail



	mm	L mm	D mm	T mm	g
515.1104	6 pcs	8 - 10 - 12 - 14 - 17 - 19 mm			1,70
515.1105	4 pcs	5 - 6 - 8 - 10 mm			1,35

Impact universal bit socket for internal hexagonal screws

- Hexagon socket
- Internal square drive to DIN 3121 / ISO 1174
- Suspension
- For machinery usage
- Phosphate finis
- Chrome molybdenum



	mm	L mm	D mm	T mm	g
911.0966	6,0	75,0	28,0	39,0	170
911.0967	7,0	75,0	28,0	39,0	170
911.0968	8,0	75,0	28,0	39,0	170
911.0970	10,0	75,0	28,0	39,0	180
911.0972	12,0	75,0	28,0	39,0	180
911.0974	14,0	75,0	28,0	39,0	190
911.0977	17,0	75,0	28,0	39,0	210
911.0979	19,0	75,0	28,0	39,0	230

Impact universal bit socket set

- Hexagon socket
- Internal square drive to DIN 3121 / ISO 1174
- Suspension
- For machinery usage
- Phosphate finis
- Chrome molybdenum
- In durable plastic case



	mm	L mm	D mm	T mm	g
911.0960	6 pcs	8 - 10 - 12 - 14 - 17 - 19 mm			1,48
911.0965	4 pcs	6 - 7 - 8 - 10 mm			1,03

Impact socket for TX® screws, short

- TX
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finis
- Chrome molybdenum



		L mm	D mm	g
911.0912	T30	57,0	25,0	75
911.0913	T40	57,0	25,0	77
911.0914	T45	57,0	25,0	80
911.0924	T50	57,0	25,0	82
911.0933	T55	57,0	25,0	84
911.0955	T60	60,0	25,0	90
911.0956	T70	60,0	25,0	93
911.0957	T80	60,0	25,0	95

Impact bit socket set for TX screws, short

- TX
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finis
- Chrome molybdenum
- In durable plastic case



		L mm	D mm	g
515.1107	8 pcs	T30 - T40 - T45 - T50 - T55 - T60 - T70 - T80		850

Impact socket for TX® screws, long

- TX
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finis
- Chrome molybdenum



		L mm	D mm	g
911.0915	T30	75,0	25,0	100
911.0916	T40	75,0	25,0	83
911.0917	T45	75,0	25,0	110
911.0918	T50	75,0	25,0	133
911.0919	T55	75,0	25,0	145
911.0920	T60	75,0	25,0	160
911.0921	T70	75,0	25,0	180
911.0922	T80	75,0	25,0	200

Impact bit socket set for TX screws, long

- TX
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



		1/2"				
		1.05				
911.0901	8 pcs	T30 - T40 - T45 - T50 - T55 - T60 - T70 - T80				

Impact socket for RIBE® screws, long

- For RIBE® screws
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



		L mm	D mm	1/2"
911.0935	M5	75.0	25.0	90
911.0936	M6	75.0	25.0	90
911.0937	M7	75.0	25.0	90
911.0938	M8	75.0	25.0	90
911.0939	M9	75.0	25.0	90
911.0940	M10	75.0	25.0	100
911.0941	M12	75.0	25.0	110
911.0942	M13	75.0	25.0	120
911.0943	M14	75.0	25.0	130

Impact bit socket set for RIBE® screws, long

- RIBE®
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



		1/2"				
		1.10				
911.0934	9 pcs	M5 - M6 - M7 - M8 - M9 - M10 - M12 - M13 - M14				

Impact bit socket for spline(XZN®) screws, long

- Spline (XZN®)
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



		L mm	D mm	T mm	1/2"
911.0945	M4	75.0	25.0	45.0	90
911.0946	M5	75.0	25.0	45.0	90
911.0947	M6	75.0	25.0	45.0	90
911.0948	M8	75.0	25.0	45.0	90
911.0949	M9	75.0	25.0	45.0	100
911.0950	M10	75.0	25.0	45.0	100
911.0951	M12	75.0	25.0	45.0	110
911.0952	M14	75.0	25.0	45.0	130
911.0953	M16	75.0	25.0	45.0	150

Impact bit socket set for spline(XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



		1/2"				
		1.14				
911.0944	9 pcs	M4 - M5 - M6 - M8 - M9 - M10 - M12 - M14 - M16				

1/2" POWER EXTENSIONS

Impact extension

- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3121 / ISO 1174
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	L mm	D mm	1/2"
515.1134	75.0	25.0	220
515.1135	125.0	25.0	425
515.1136	250.0	25.0	440

Torque bar extension

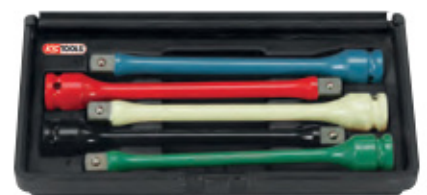
- Ideal for controlled loosening of wheel screws and nuts with impact wrenches
- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3120 / ISO 1174
- For machinery usage
- Colour coded identifies the max. torque
- Chrome molybdenum



	Colour code	max Nm	L mm	D mm	1/2"
515.1061	●	90	195.0	25.0	270
515.1062	●	100	195.0	25.0	270
515.1063	●	110	195.0	25.0	270
515.1064	●	120	195.0	25.0	270
515.1065	●	135	195.0	25.0	270

Torsion extension bar set, extra long

- Ideal for controlled loosening of wheel screws and nuts with impact wrenches
- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3120 / ISO 1174
- For machinery usage
- Colour coded identifies the max. torque
- Chrome molybdenum
- In durable plastic case



		1/2"				
		1.37				
515.1060	5 pcs	90 - 100 - 110 - 120 - 135 N-m				

1/2" POWER BALL JOINTS

Impact universal ball joint

- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3121 / ISO 1174
- Suspension
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	□	■	L mm	D mm	1/2"
515.1133	1/2"	1/2"	67.0	28.0	159

1/2" POWER ADAPTERS

Impact adaptor

- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3121 / ISO 1174
- For machinery usage
- Phosphate finish
- Chrome molybdenum



			L mm	D mm	
515.1143	1/2"	3/8"	38.0	25.0	72
515.1144	1/2"	3/4"	48.0	30.0	165

Impact adaptor and reducing adaptor set

- Ideal set of compilation for adaptors and ball joints
- Chrome molybdenum
- In durable plastic case



1/4" 3/8" 1/2" 3/4"

			L mm	D mm	
515.0100	9 pcs	Impact adaptor and reducing adaptor set			1.78
1 x		1/4" F x 3/8" M			
1 x		3/8" F x 1/4" M			
1 x		3/8" F x 1/2" M			
1 x		1/2" F x 3/8" M			
1 x		1/2" F x 3/4" M			
1 x		3/4" F x 1/2" M			
1 x		3/8"			
1 x		1/2"			
1 x		3/4"			

1/2" POWER SECURING ELEMENTS

O-Ring

- For impact drivers and impact sockets
- For safeguard



	to outside mm	D mm	B mm	
515.1137	6-12	19.0	4.0	10
515.1138	15-32	24.0	4.0	12

Connection pin

- For impact drivers and impact sockets
- For safeguard



	to outside mm	D mm	L mm	
515.1141	6-12	3.0	20.0	10
515.1142	15-32	3.0	26.0	14

3/4" POWER SOCKETS

Hexagon impact socket

- 6 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



			L mm	D1 mm	D2 mm	T mm	
515.1317	17.0		50.0	30.0	44.0	7.0	230
515.1318	18.0		50.0	31.0	44.0	7.0	230
515.1319	19.0		50.0	33.0	44.0	9.0	230
515.1320	20.0		50.0	34.0	44.0	11.0	240
515.1321	21.0		50.0	35.0	44.0	11.0	240
515.1322	22.0		50.0	36.0	44.0	14.0	250
515.1323	23.0		50.0	38.0	44.0	14.0	250
515.1324	24.0		50.0	39.0	44.0	14.0	250
515.1325	25.0		50.0	40.0	44.0	14.0	270
515.1326	26.0		50.0	41.0	44.0	14.0	270
515.1327	27.0		53.0	43.0	44.0	14.0	280
515.1328	28.0		53.0	44.0	44.0	15.0	320
515.1329	29.0		53.0	45.0	44.0	15.0	320
515.1330	30.0		53.0	46.0	44.0	15.0	370
515.1331	31.0		53.0	48.0	44.0	15.0	380
515.1332	32.0		56.0	49.0	44.0	15.0	380
515.1333	33.0		56.0	51.0	44.0	18.0	410
515.1334	34.0		56.0	51.0	44.0	18.0	410
515.1335	35.0		56.0	53.0	44.0	18.0	470
515.1336	36.0		56.0	54.0	44.0	18.0	470
515.1337	37.0		57.0	55.0	44.0	18.0	470
515.1338	38.0		57.0	57.0	44.0	18.0	470
515.1341	41.0		57.0	60.0	44.0	22.0	590
515.1346	46.0		62.0	66.0	44.0	24.0	770
515.1350	50.0		72.0	71.0	54.0	30.0	970
515.1355	55.0		74.0	78.0	54.0	30.0	1250
515.1360	60.0		75.0	84.0	54.0	30.0	1600
515.1365	65.0		78.0	88.0	54.0	33.0	1650
515.1370	70.0		83.0	96.0	54.0	35.0	1920
515.1386		13/16"	52.0	32.0	38.0	11.0	240
515.1387		7/8"	52.0	34.0	38.0	11.0	250
515.1388		15/16"	52.0	36.0	38.0	13.0	250
515.1389		1"	52.0	38.0	38.0	13.0	260
515.1390		1.1/16"	52.0	40.0	40.0	16.0	280
515.1391		1.1/8"	52.0	42.0	42.0	16.0	330
515.1392		1.1/4"	52.0	46.0	44.0	16.0	370
515.1393		1.5/16"	56.0	48.0	44.0	18.0	410
515.1394		1.3/8"	56.0	50.0	44.0	18.0	440
515.1395		1.7/16"	56.0	52.0	44.0	18.0	450
515.1396		1.1/2"	56.0	53.0	44.0	18.0	460
515.1397		1.5/8"	62.0	58.0	44.0	23.0	590
515.1398		1.11/16"	62.0	64.0	44.0	23.0	700
515.1399		1.3/4"	62.0	65.0	44.0	23.0	750
515.1401		1.7/8"	68.0	68.0	44.0	27.0	790
515.1402		2"	72.0	71.0	54.0	30.0	880

Hexagon impact socket set

- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable metal case



		L mm	D1 mm	D2 mm	T mm	
515.0510	8 pcs	24 - 27 - 29 - 30 - 32 - 33 - 34 - 36 mm				4.20

Hexagon impact socket set

- 6 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable plastic case



		L mm	D1 mm	D2 mm	T mm	
515.0208	8 pcs	26 - 27 - 29 - 30 - 32 - 35 - 36 - 38 mm				3.50

Hexagon impact socket, deep

- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



		L mm	D1 mm	D2 mm	T mm	
515.1417	17.0	90.0	30.0	44.0	12.0	390
515.1418	18.0	90.0	31.0	44.0	12.0	590
515.1419	19.0	90.0	33.0	44.0	12.0	600
515.1420	20.0	90.0	34.0	44.0	12.0	610
515.1421	21.0	90.0	35.0	44.0	12.0	630

	mm	L mm	D1 mm	D2 mm	T mm	kg
515.1422	22,0	90,0	37,0	44,0	19,0	640
515.1423	23,0	90,0	38,0	44,0	19,0	640
515.1424	24,0	90,0	39,0	44,0	19,0	640
515.1425	25,0	90,0	40,0	44,0	19,0	640
515.1426	26,0	90,0	41,0	44,0	19,0	650
515.1427	27,0	90,0	43,0	44,0	19,0	650
515.1428	28,0	90,0	44,0	44,0	19,0	650
515.1429	29,0	90,0	45,0	44,0	19,0	660
515.1430	30,0	90,0	46,0	44,0	19,0	680
515.1431	31,0	90,0	48,0	44,0	19,0	730
515.1432	32,0	90,0	49,0	44,0	19,0	740
515.1433	33,0	90,0	51,0	44,0	19,0	770
515.1434	34,0	90,0	51,0	44,0	19,0	790
515.1435	35,0	90,0	53,0	44,0	19,0	820
515.1436	36,0	90,0	54,0	44,0	19,0	840
515.1437	37,0	90,0	55,0	44,0	19,0	860
515.1438	38,0	90,0	56,0	44,0	19,0	880
515.1441	41,0	90,0	60,0	44,0	56,0	970
515.1443	43	90,0	63,2	44,0	56,0	1150
515.1446	46,0	90,0	66,0	44,0	56,0	1260
515.1450	50,0	90,0	71,0	54,0	56,0	1650

Hexagon impact socket, extra deep

- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Extra long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	L mm	D1 mm	D2 mm	T mm	kg
515.1182	27,0	270,0	42,0	44,0	27,0	1,09
515.1183	30,0	270,0	46,0	44,0	30,0	1,14
515.1184	32,0	270,0	49,0	44,0	32,0	1,16
515.1191	27,0	400,0	42,0	44,0	27,0	1,25
515.1192	30,0	400,0	46,0	44,0	30,0	1,32
515.1193	32,0	400,0	49,0	44,0	32,0	1,36
515.1194	33,0	400,0	50,0	44,0	32,0	1,38

TX E impact socket

- TX E
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	L mm	D1 mm	D2 mm	T mm	kg	
455.0081	E28	90,0	33,0	42,0	25,0	556



TX E impact socket, deep

- TX E
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



		L mm	kg
455.0012	E18	110,0	620
455.0013	E20	110,0	670

TX E impact socket, deep

- TX E
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



		L mm	D mm	kg
450.0451	E18	140,0	44,0	672
450.0452	E20	140,0	44,0	692
450.0453	E22	140,0	44,0	700
450.0454	E24	140,0	44,0	748

3/4" POWER BIT SOCKETS

Impact bit socket, hexagon

- Hexagon socket
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Matt finish
- Chrome molybdenum



	mm	L mm	D mm	kg
515.0001	14,0	60,0	40,0	140
515.0002	17,0	60,0	40,0	280
515.0003	19,0	60,0	40,0	340
515.0004	21,0	60,0	40,0	340
515.0005	22,0	60,0	40,0	340
515.0006	24,0	60,0	40,0	340

Impact bit socket for hexagon screws, long

- Hexagon socket
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	L mm	D mm	kg
450.0461	17,0	140,0	44,0	672
450.0462	19,0	140,0	44,0	686
450.0463	22,0	140,0	44,0	710
450.0464	24,0	140,0	44,0	760

Impact bit socket for TX, tamperproof, short

- TX tamperproof
- Square drive according to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Matt finish
- Chrome molybdenum



		L mm	D mm	kg
515.0016	TB70	60,0	40,0	270
515.0017	TB80	60,0	40,0	270
515.0018	TB90	60,0	40,0	280
515.0019	TB100	60,0	40,0	290

Impact socket for TX® screws, long

- For TX screws
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



		L mm	D mm	kg
450.0441	T60	140,0	44,0	630
450.0442	T70	140,0	44,0	650
450.0443	T80	140,0	44,0	656
450.0444	T90	140,0	44,0	666
450.0445	T100	140,0	44,0	680

Impact bit socket, tamperproof, for spline(XZN®) screws

- Spline (XZN®) tamperproof
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Matt finish
- Chrome molybdenum



		L mm	D mm	W
515.0012	M16	60.0	40.0	270
515.0013	M18	60.0	40.0	270

Impact interchangeable bit set

- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable plastic storage case



			W
450.0420	16 pcs	Impact interchangeable bit set	6.00

consists of:

		W
450.0422	Impact bit socket hex adaptor, 107mm, 17mm	360
450.0423	Impact bit socket hex adaptor, 107mm, 19mm	370
450.0425	Impact bit socket hex adaptor, 107mm, 22mm	380
450.0426	Impact bit socket hex adaptor, 107mm, 24mm	460
450.0427	Impact bit socket TX adaptor, 107mm, T60	330
450.0428	Impact bit socket TX adaptor, 107mm, T70	330
450.0429	Impact bit socket TX adaptor, 107mm, T80	340
450.0430	Impact bit socket TX adaptor, 107mm, T90	350
450.0431	Impact bit socket TX adaptor, 107mm, T100	360
450.0433	Impact bit socket TX E adaptor, 107mm, E18	470
450.0434	Impact bit socket TX E adaptor, 107mm, E20	340
450.0435	Impact bit socket TX E adaptor, 107mm, E22	370
450.0436	Impact bit socket TX E adaptor, 107mm, E24	390
450.0437	3/4" impact bit socket adaptor, 22mm	260
450.0438	1" impact bit socket adaptor, 22mm	500
151.2104	Ball ended hexagon key wrench, long, 4mm	10

3/4" POWER EXTENSIONS

Impact extension

- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3121 / ISO 1174
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	L mm	D mm	W
515.1375	90.0	44.0	500
515.1376	100.0	44.0	540
515.1377	150.0	44.0	750
515.1378	175.0	44.0	850
515.1379	200.0	44.0	950
515.1381	250.0	44.0	1110

3/4" POWER BALL JOINTS

Impact universal ball joint

- Square drive adaptor to DIN 3121 / ISO 1174
- Internal square drive to DIN 3121 / ISO 1174
- Suspension
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	□	■	L mm	D mm	W
515.1374	3/4"	3/4"	108.0	44.0	700

3/4" POWER ADAPTERS

Impact socket adapter

- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3121 / ISO 1174
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	□	■	L mm	D mm	W
515.1372	3/4"	1/2"	56.0	44.0	325
515.1373	3/4"	1"	63.0	44.0	450

Impact adaptor and reducing adaptor set

- Ideal set of compilation for adaptors and ball joints
- Chrome molybdenum
- In durable plastic case



			W
515.0100	9 pcs	Impact adaptor and reducing adaptor set	1.78
1 x		1/4" F x 3/8" M	
1 x		3/8" F x 1/4" M	
1 x		3/8" F x 1/2" M	
1 x		1/2" F x 3/8" M	
1 x		1/2" F x 3/4" M	
1 x		3/4" F x 1/2" M	
1 x		3/8"	
1 x		1/2"	
1 x		3/4"	

3/4" POWER SECURING ELEMENTS

O-Ring

- For impact drivers and impact sockets
- For safeguard



	for sockets mm	D mm	B mm	W
515.1382	17 - 49	36.0	5.0	10
515.1383	50 - 70	46.0	5.0	12

Connection pin

- For impact drivers and impact sockets
- For safeguard



	for sockets mm	D mm	L mm	W
515.1384	17 - 49	4.0	36.0	10
515.1385	50 - 70	4.0	46.0	14

1" POWER SOCKETS

Hexagon impact socket

- 6 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	L mm	D2 mm	D1 mm	T mm	kg
515.1722	22,0	58,0	51,0	39,0	12,0	0,51
515.1724	24,0	58,0	54,0	42,0	14,0	0,51
515.1727	27,0	58,0	54,0	46,0	14,0	0,52
515.1729	29,0	60,0	54,0	48,0	16,0	0,53
515.1730	30,0	60,0	54,0	49,0	16,0	0,53
515.1731	31,0	60,0	54,0	51,0	16,0	0,56
515.1732	32,0	61,0	54,0	60,0	19,0	0,59
515.1733	33,0	61,0	54,0	54,0	19,0	0,62
515.1734	34,0	61,0	54,0	54,0	19,0	0,64
515.1736	36,0	65,0	54,0	57,0	19,0	0,67
515.1737	37,0	65,0	54,0	58,0	19,0	0,67
515.1738	38,0	65,0	54,0	59,0	20,0	0,68
515.1740	40,0	65,0	54,0	62,0	23,0	0,87
515.1741	41,0	65,0	54,0	63,0	23,0	0,92
515.1742	42,0	65,0	54,0	63,0	23,0	0,98
515.1746	46,0	74,0	54,0	69,0	23,0	1,00
515.1750	50,0	74,0	54,0	74,0	26,0	1,07
515.1755	55,0	85,0	54,0	81,0	28,0	1,44
515.1760	60,0	89,0	54,0	87,0	31,0	1,78
515.1765	65,0	93,0	54,0	93,0	32,0	1,80
515.1770	70,0	98,0	54,0	99,0	35,0	2,04
515.1775	75,0	100,0	86,0	106,0	40,0	3,48
515.1780	80,0	100,0	86,0	112,0	47,0	4,10
515.1785	85,0	102,0	86,0	119,0	47,0	4,80
515.1790	90,0	107,0	86,0	124,0	47,0	5,10
515.1795	95,0	107,0	86,0	131,0	50,0	5,25
515.1891	1"	58,0	51,0	42,0	14,0	0,52
515.1892	1.1/4"	60,0	51,0	51,0	16,0	0,61
515.1893	1.7/16"	62,0	52,0	56,0	20,0	0,64
515.1894	1.1/2"	62,0	52,0	58,0	22,0	0,67
515.1895	1.5/8"	62,0	52,0	62,0	22,0	0,92
515.1896	1.13/16"	64,0	58,0	68,0	23,0	1,00
515.1897	1.7/8"	66,0	58,0	70,0	24,0	1,08
515.1898	2.1/4"	75,0	62,0	84,0	30,0	1,52

Hexagon impact socket set

- 6 point
- According to DIN 3129 / ISO 2725-2
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable steel storage case



	mm	kg
515.0610	8 pcs 27 - 29 - 30 - 32 - 33 - 34 - 36 - 38 mm	3,00

Hexagon impact socket

- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Extra thick walled / long centre execution
- For machinery usage
- Phosphate
- Chrome molybdenum



	mm	L mm	D1 mm	D2 mm	T mm	kg
515.2124	24,0	76,0	38,0	52,0	13,0	570
515.2127	27,0	76,0	42,0	52,0	14,0	580
515.2130	30,0	76,0	45,0	52,0	18,0	620
515.2132	32,0	76,0	48,0	52,0	18,0	640
515.2133	33,0	76,0	49,0	52,0	18,0	650
515.2134	34,0	76,0	50,0	52,0	18,0	670
515.2136	36,0	76,0	54,0	52,0	20,0	690
515.2138	38,0	76,0	56,0	52,0	23,0	710
515.2141	41,0	80,0	59,0	52,0	23,0	720



Hexagon impact socket, deep

- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	L mm	D1 mm	D2 mm	T mm	kg
515.1822	22,0	90,0	39,0	51,0	16,0	0,71
515.1824	24,0	90,0	42,0	54,0	16,0	0,72
515.1827	27,0	90,0	46,0	54,0	19,0	0,80
515.1830	30,0	90,0	49,0	54,0	19,0	0,80
515.1832	32,0	90,0	52,0	54,0	19,0	0,91
515.1833	33,0	90,0	54,0	54,0	23,0	0,91
515.1834	34,0	90,0	54,0	54,0	23,0	0,95
515.1836	36,0	90,0	57,0	54,0	23,0	0,95
515.1838	38,0	90,0	59,0	54,0	23,0	0,99
515.1841	41,0	90,0	63,0	54,0	40,0	1,20
515.1846	46,0	100,0	69,0	54,0	40,0	1,36
515.1850	50,0	100,0	74,0	54,0	40,0	1,57
515.1855	55,0	100,0	81,0	54,0	52,0	1,95
515.1860	60,0	120,0	87,0	54,0	52,0	2,82
515.1865	65,0	120,0	93,0	54,0	60,0	3,15
515.1870	70,0	125,0	99,0	54,0	60,0	3,34
515.1875	75,0	125,0	105,0	54,0	60,0	4,43
515.1880	80,0	125,0	112,0	54,0	75,0	4,76
515.1885	85,0	135,0	119,0	54,0	75,0	5,80
515.1890	90,0	135,0	124,0	54,0	75,0	6,10
515.1881	95,0	150,0	135,0	127,0	49,0	6,90
515.1882	100,0	150,0	140,0	127,0	54,0	7,20
515.1883	105,0	150,0	150,0	127,0	54,0	8,10
515.1884	110,0	160,0	155,0	127,0	62,0	8,90
515.1886	115,0	160,0	160,0	127,0	67,0	9,40
515.1887	120,0	170,0	165,0	127,0	67,0	10,10

Hexagon impact socket set, deep

- 6 point
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum
- In durable steel storage case



	mm	kg
515.0308	8 pcs 24 - 27 - 30 - 32 - 33 - 34 - 36 - 38 mm	4,20

Hexagon torque impact socket, extra deep

- Ideal for controlled loosening of wheel screws and nuts with impact wrenches
- Internal square drive to DIN 3121 / ISO 1174
- Extra long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



	mm	max Nm	L mm	D mm	T mm	kg
515.1461	24,0	350	300,0	54,0	24,0	1,38
515.1462	27,0	350	300,0	54,0	27,0	1,40
515.1463	27,0	450	300,0	54,0	27,0	1,58
515.1464	30,0	500	300,0	54,0	30,0	1,56
515.1465	32,0	450	300,0	54,0	32,0	1,60
515.1466	32,0	550	300,0	54,0	32,0	1,60
515.1467	32,0	600	300,0	54,0	33,0	1,60
515.1468	33,0	550	300,0	54,0	33,0	1,64
515.1469	33,0	600	300,0	54,0	36,0	1,64

TX E impact socket, deep

- TX E
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finish
- Chrome molybdenum



		L mm	D mm	kg
450.0481	E18	145,0	51,0	992
450.0482	E20	145,0	51,0	1012
450.0483	E22	145,0	51,0	1020
450.0484	E24	145,0	51,0	1068

1" POWER BIT SOCKETS

Impact bit socket, hexagon

- Hexagon socket
- Internal square drive to DIN 3121 / ISO 1174
- Short execution
- For machinery usage
- Phosphate finis
- Chrome molybdenum



	mm	L mm	D mm	kg
450.0476	17,0	75,0	54,0	620
450.0477	19,0	75,0	54,0	650
450.0478	22,0	75,0	54,0	675
450.0479	24,0	75,0	54,0	700
450.0485	27,0	75,0	54,0	730
450.0486	30,0	75,0	54,0	770
450.0487	32,0	75,0	54,0	900
450.0488	36,0	75,0	54,0	920

Impact bit socket for hexagon screws, long

- Hexagon socket
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finis
- Chrome molybdenum



	mm	L mm	D mm	kg
450.0491	17,0	145,0	51,0	0.99
450.0492	19,0	145,0	51,0	1.01
450.0493	22,0	145,0	51,0	1.03
450.0494	24,0	145,0	51,0	1.08
450.0495	27,0	145,0	51,0	2.00
450.0496	30,0	145,0	51,0	2.03
450.0497	32,0	145,0	51,0	2.07
450.0498	36,0	145,0	51,0	2.11

Impact socket for TX® screws, long

- TX
- Internal square drive to DIN 3121 / ISO 1174
- Long execution
- For machinery usage
- Phosphate finis
- Chrome molybdenum



		L mm	D mm	kg
450.0471	T60	145,0	51,0	950
450.0472	T70	145,0	51,0	970
450.0473	T80	145,0	51,0	976
450.0474	T90	145,0	51,0	986
450.0475	T100	145,0	51,0	1000

Impact interchangeable bit set

- For machinery usage
- Phosphate finis
- Chrome molybdenum
- In durable plastic storage case



		kg
450.0420	16 pcs Impact interchangeable bit set	6.00

consists of:

		kg
450.0422	Impact bit socket hex adaptor, 107mm, 17mm	360
450.0423	Impact bit socket hex adaptor, 107mm, 19mm	370
450.0425	Impact bit socket hex adaptor, 107mm, 22mm	380
450.0426	Impact bit socket hex adaptor, 107mm, 24mm	460
450.0427	Impact bit socket TX adaptor, 107mm, T60	330
450.0428	Impact bit socket TX adaptor, 107mm, T70	330
450.0429	Impact bit socket TX adaptor, 107mm, T80	340
450.0430	Impact bit socket TX adaptor, 107mm, T90	350
450.0431	Impact bit socket TX adaptor, 107mm, T100	360
450.0433	Impact bit socket TX E adaptor, 107mm, E18	470
450.0434	Impact bit socket TX E adaptor, 107mm, E20	340
450.0435	Impact bit socket TX E adaptor, 107mm, E22	370
450.0436	Impact bit socket TX E adaptor, 107mm, E24	390
450.0437	3/4" impact bit socket adaptor, 22mm	260
450.0438	1" impact bit socket adaptor, 22mm	500
151.2104	Ball ended hexagon key wrench, long, 4mm	10

1/4" POWER EXTENSIONS

Impact extension

- Square drive adaptor to DIN 3121 / ISO 1174
- Internal square drive to DIN 3121 / ISO 1174
- For machinery usage
- Phosphate finis
- Chrome molybdenum



	L mm	D mm	kg
515.1804	175,0	54,0	1,45
515.1806	250,0	54,0	1,58
515.1807	300,0	54,0	1,96

1" POWER BALL JOINTS

Impact universal ball joint

- Square drive adaptor to DIN 3121 / ISO 1174
- Internal square drive to DIN 3121 / ISO 1174
- Suspension
- For machinery usage
- Phosphate finis
- Chrome molybdenum



		L mm	D mm	kg
515.1801	1" 1"	130,0	54,0	1,38

1" POWER ADAPTERS

Impact adaptor

- Square drive adaptor to DIN 3121 / ISO 1174 with ball lock
- Internal square drive to DIN 3121 / ISO 1174
- For machinery usage
- Phosphate finis
- Chrome molybdenum



		L mm	D mm	kg
515.1798	1" 3/4"	75,0	54,0	0,57
515.1799	1" 1.1/2"	82,0	54,0	1,00

1" POWER SECURING ELEMENTS

O-ring

- For impact drivers and impact sockets
- For safeguard



	for sockets mm	D mm	B mm	kg
515.1809	22-70	45,0	5,0	10

Connection pin

- For impact drivers and impact sockets
- For safeguard



	for sockets mm	D mm	L mm	kg
515.1812	22-70	4,0	45,0	10

TORQUE



Innovation is
our mission!



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TORQUE

The importance of torque control



Fastening a threaded fastener in a controlled manner is essential for operational safety and the long service life of screws and bolts. Manual fastening without any torque control is a safety risk. Depending on personal constitution, the screwed fitting can be over-tightened and there is the risk of breakage or the screwed fitting can become loose and open with very low application of force. A torque wrench that has been calibrated regularly helps to achieve the specified fastening torques or avoids over-tightening.



Confidence is good - torque control is better!



Competence and service

Our competence is expressed by the measuring instruments and test equipment used by us, which are monitored continuously and, if required, adjusted, by a laboratory that is accredited by the DKD (German Calibration Service). They are calibrated by comparing them with standard reference units, which are traceable to the national standards. This ensures our competency in the field of controlled fastening of screws and, in the long term, the quality of our torque wrenches and equipment.

Torque wrenches and torque test instruments are measuring tools; just as any other measuring tool, they must also be serviced regularly and calibrated with suitable measuring instruments and, if required, adjusted. The test interval periods depend on the frequency of use.

Our service includes the affordable requirement of both the normal calibration certificate in accordance with DIN EN ISO 6789 and on request, the calibration certificate in accordance with DKD (German Calibration Service) guidelines. We maintain, calibrate and adjust those of our own manufacture within 5 working days after goods are received in accordance with the DIN EN ISO 6789 standards including the factory test certificate and the control sticker.



Torque tools

Indicative torque wrench according to DIN6789 typ I

Torque screwdrivers



- ESD torque screwdriver
- For controlled display in a clockwise and counter clockwise direction
 - Torque screwdriver with a helical pressure spring
 - Electro static discharge - electrostatically protected
 - Range 20 - 500 c•N

Torque wrenches



- Type torque wrench with dial indicator and drag indicator
- For controlled display in a clockwise and counter clockwise direction
 - Display type torque wrench with dial indicator and drag indicator
 - Using the torsion bar principle, and in contrast to conventional torque wrenches, it is possible to grip the torque wrench in any position
 - Range 0,7 - 2.800 N•m

Triggering torque wrench according to DIN6789 typ II

Torque screwdrivers



- ESD torque screwdriver
- For controlled fastening in clockwise and counter clockwise directions
 - Clearly palpable release signal when the desired torque is achieved
 - Electro static discharge - electrostatically protected
 - Range 1 - 1.000 c•N



- Mini torque wrenches
- For controlled fastening in a clockwise direction
 - Can untighten without any torque restraint thanks to the anticlockwise latch
 - Clearly palpable release signal when the desired torque is achieved via close gap release
 - Range 3 - 15 N•m



- Torque screwdriver
- For controlled fastening in clockwise and counter clockwise directions
 - Clearly palpable release signal when the desired torque is achieved
 - Range 0,1 - 6,0 N•m

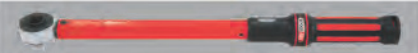
Torque wrenches



- Torque wrench with quick-set feature
- With idle condition, resetting to the minimum value (0) is not necessary
 - For controlled fastening in a clockwise direction
 - Can untighten without any torque restraint thanks to the anticlockwise latch
 - Clearly palpable release signal when the desired torque is achieved via close gap release
 - Torque setting is simple and quick by sliding the scale using the knurled-head screw
 - Range 10 - 1.000 N•m



- Torque wrench with close-gap release
- For controlled fastening in clockwise and counter clockwise directions
 - The direction of rotation (clockwise and counter clockwise) can be changed by simply rotating the square drive piece
 - Clearly palpable release signal when the desired torque is achieved via close gap release
 - Range 2,5 - 2.000 N•m



- KS Ergotorque@basic
- For controlled fastening in clockwise and counter clockwise directions
 - The direction of rotation (clockwise and counter clockwise) can be changed by simply rotating the square drive piece
 - Clearly palpable release signal when the desired torque is achieved via close gap release
 - Range 10 - 320 N•m



- KS Ergotorque@precision
- The direction of rotation (clockwise and counter clockwise) can be changed by simply rotating the square drive piece
 - Clearly palpable release signal when the desired torque is achieved via close gap release
 - Range 1 - 1.000 N•m



- KS Ultimateprecision
- The direction of rotation (clockwise and counter clockwise) can be changed by simply rotating the square drive piece
 - Clearly palpable release signal when the desired torque is achieved via close gap release
 - Range 1 - 1.000 N•m



- Preset ratcheting torque wrench
- For controlled fastening in a clockwise direction
 - Clearly palpable release signal when the desired torque is achieved
 - It is not possible to over tighten the set value
 - Range 1 -125 N•m



- ALUTORQUEprecision torque wrench
- Single or double square for controlled fastening in clockwise and counter clockwise directions
 - Clearly palpable release signal when the desired torque is achieved via close gap release
 - Light, robust and very workshop-friendly
 - Range 6 - 2.000 N•m



- Industrial torque wrench
- For controlled fastening in clockwise and counter clockwise directions
 - Torque setting is easy using the locking knob in the handle end
 - Clearly palpable release signal when the desired torque is achieved via close gap release
 - Range 1 - 1.500 N•m

Torque testing



- Type torque wrench with dial indicator and drag indicator
- For controlled display in a clockwise and counter clockwise direction
 - Display type torque wrench with dial indicator and drag indicator
 - Tool mounting using a three jaw chuck
 - Range 1 - c•N - 9 N•m



- Electronic torque wrench workshop tool
- High accuracy: +1 % tolerance for values within their range,
 - For testing and adjusting torque wrenches and torque screwdrivers
 - For controlled display in a clockwise and counter clockwise direction
 - With autoreset and automatic switch-off
 - Range 1 -1.000 N•m



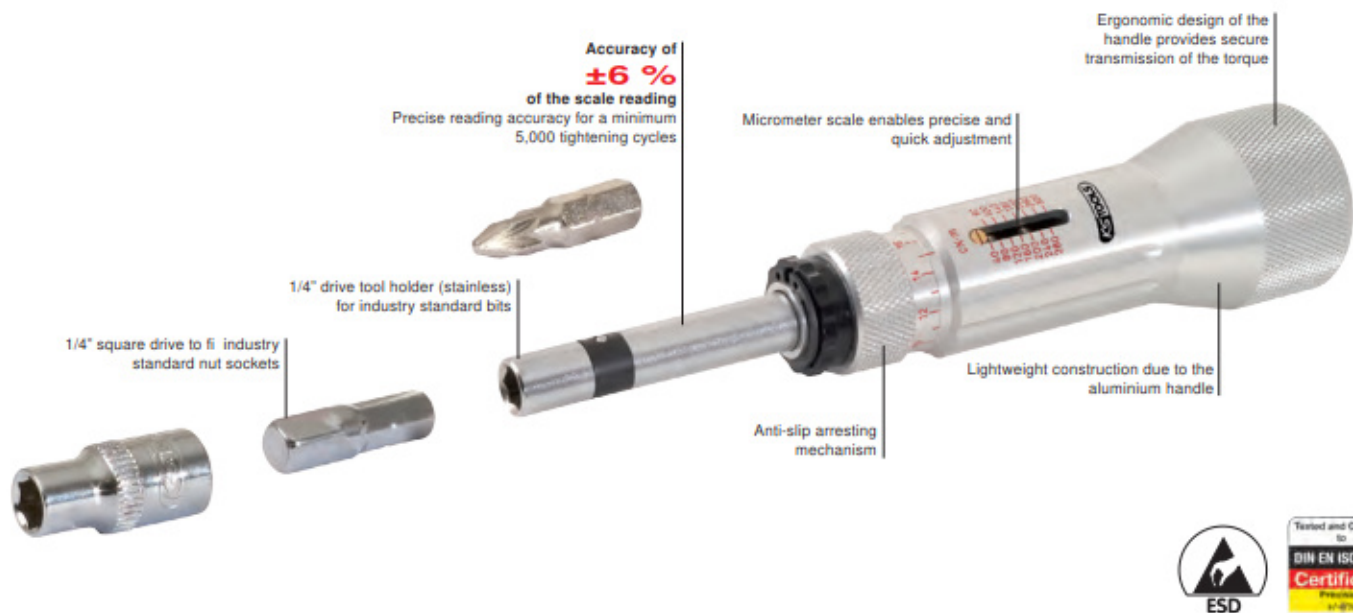
- Universal torque converter
- For controlled fastening in clockwise and counter clockwise directions
 - Device for angle-regulated fastening with a torque wrench
 - With single-stage precision planetary gear for both directions
 - Range up to 2.700 N•m



- Universal torque converter
- For controlled fastening in clockwise and counter clockwise directions
 - Device for angle-regulated fastening with a torque wrench
 - With anti-backlash mechanism
 - Range up to 9.500 N•m

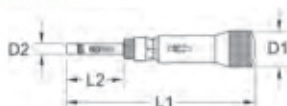
TORQUE SCREWDRIVERS

This torque screwdriver is fitted with a friction clutch. This enables it to ratchet when the set value is achieved. As a result, it is not possible to over-tighten the screw. The torque screwdriver has fastening function in clockwise and counter clockwise directions and is adjusted with the help of a micrometer scale.



ESD Torque screwdriver with micrometer scale

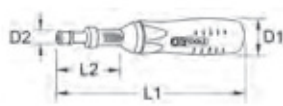
- Actuation accuracy: $\pm 6\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in clockwise and counter clockwise directions
- With precision helical pressure spring
- Clearly palpable release signal when the desired torque is achieved
- It is not possible to over-tighten the set value
- Micrometer scale in N·m divisions for precise and fine adjustment
- Ergonomic designed handle provides secure transmission of the torque
- Tool holder female hexagon 6 point to DIN 3126 - E6,3
- Electro static discharge - electrostatically protect
- Lightweight construction due to the aluminium handle
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard



	Measuring range Nm	Division Nm	Division Nm	L1 mm	L2 mm	D1 mm	D2 mm	Weight g
516.3210	1-15	0.1		111.0	26.0	16.0	10.0	60
516.3215	2-30	0.2		111.0	26.0	16.0	10.0	60
516.3220	5-60	0.5		111.0	26.0	25.0	10.0	99
516.3225	20-120	1.0		157.0	51.0	30.0	10.0	192
516.3235	40-300	1.0		157.0	51.0	34.0	10.0	214
516.3240	100-500	2.5		200.0	63.0	40.0	10.0	436
516.3245	400-1000		0.05	235.0	100.0	45.0	11.0	762

Torque screwdriver with micrometer scale

- Actuation accuracy: $\pm 6\%$ tolerance from the set scale value and better
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in clockwise and counter clockwise directions
- With precision helical pressure spring
- Clearly noticeable torque release signal through ratchet
- It is not possible to over tighten the set value
- Automatic reset in the initial position
- Including a micrometer scale in N·m divisions for precise and fine adjustment
- Ergonomic designed rubber handle provides secure torque transmission
- Hexagon socket holder in accordance with DIN 3126 - E6,3
- Individual serial number for clear product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 - traceable to national standards

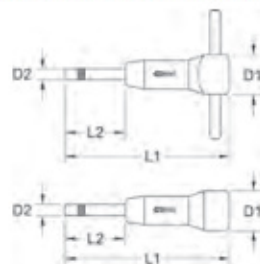


	Measuring range Nm	Division Nm	L mm	L2 mm	D1 mm	D2 mm	Weight g
516.3250	0.1 - 1.2	0.01	180.0	28.0	30.0	11.0	230
516.3255	1 - 6	0.10	200.0	30.0	35.0	11.0	445



ESD Fixed adjustable torque screwdriver with colour coding

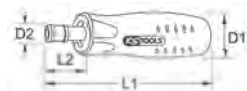
- Actuation accuracy: $\pm 6\%$ tolerance from the set value
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in clockwise and counter clockwise directions
- With precision helical pressure spring
- Clearly palpable release signal when the desired torque is achieved
- It is not possible to over-tighten the set value
- Without scale - With a fixed adjustable value
- Ergonomic designed handle provides secure transmission of the torque
- Tool holder female hexagon 6 point to DIN 3126 - E6,3
- Electro static discharge - electrostatically protect
- Lightweight construction due to the aluminium handle
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789 national standard



	Measuring range Nm	L1 mm	L2 mm	D1 mm	D2 mm	Colour code	Weight g
516.3910	1 - 15	92.0	22.0	16.0	8.0	-	45
516.3915	5 - 60	102.0	40.0	25.0	10.0	-	94
516.3920	40 - 200	111.0	49.0	30.0	10.0	green	170
516.3925	100 - 500	126.0	56.0	35.0	10.0	red	220

Pre-set torque screwdriver

- Actuation accuracy: $\pm 6\%$ tolerance from the set scale value and better
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in clockwise and counter clockwise directions
- Clearly noticeable torque release signal through ratchet
- It is not possible to over tighten the set value
- Automatic reset in the initial position
- Without scale - with a fixed adjustable value
- Ergonomic designed handle provides secure torque transmission
- Hexagon socket holder in accordance with DIN 3126 - E6,3
- Individual serial number for clear product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 - traceable to national standards

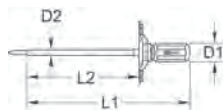


	Measuring range Nm	L mm	L2 mm	D1 mm	D2 mm	Weight
516.3930	0,2 - 1,2	132,0	25,0	30,0	11,0	185
516.3935	1 - 1,8	132,0	25,0	30,0	11,0	185
516.3940	1 - 6	200,0	25,0	30,0	11,0	445



ESD Dial indicating torque screwdriver with a drag indicator

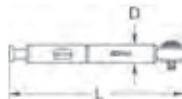
- Display accuracy: $\pm 6\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in a clockwise and counter clockwise direction
- Torque screwdriver with a helical pressure spring
- Ergonomic designed handle provides secure transmission of the torque
- Tool holder female hexagon 6 point to DIN 3126 - E6,3
- Electro static discharge - electrostatically protect
- Lightweight construction due to the aluminium handle
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard



	Measuring range Nm	Division diam	L1 mm	L2 mm	D1 mm	D2 mm	Weight
516.3260	20 - 100	2,0	222,0	130,0	48,0	12,0	290
516.3265	50 - 200	5,0	242,0	130,0	48,0	12,0	320
516.3270	100 - 500	20,0	300,0	188,0	48,0	14,0	420

Stubby torque wrench with exact gearing reversible ratchet head

- Actuation accuracy: $\pm 3\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in a clockwise direction
- Can unlighten without any torque restraint thanks to the anticlockwise latch
- An audible and palpable signal when the desired torque value is achieved
- With exact gearing 72 teeth ratchet mechanism
- With ejection mechanism on the ratchet head
- Ergonomic designed handle provides secure transmission of the torque
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard

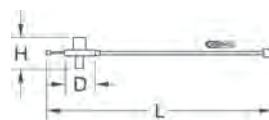


	Measuring range Nm	Division Nm	D mm	Weight	
516.3280	1/4"	3 - 15	0.50	18,0	190

ROTARY ANGLE DISCS

Rotary angle disc

- For fastening screws at an angle
- Device for angle regulated fastening with a torque wrench
- Flexible arm
- Range 0° - 360°
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Optionally with a magnetic arm or claw arm



	Arm	Pitch	D mm	H mm	L mm	Weight		
516.1195	1/2"	1/2"	magnet	2°	67,0	63,0	480,0	170
516.1196	1/2"	1/2"	claw	2°	67,0	63,0	538,0	60
516.1197	3/4"	3/4"	magnet	2°	80,0	63,0	500,0	170
516.1198	3/4"	3/4"	claw	2°	87,0	63,0	698,0	60



TORQUE LIMITERS

Torque limiter for spark plugs

- High accuracy
- For controlled fastening in a clockwise direction
- Clearly palpable release signal when the desired torque is achieved
- It is not possible to over-tighten the set value
- Without scale - With a fixed adjustable value
- Can unlighten without any torque restraint thanks to the anticlockwise latch
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock



	Measuring range Nm	D mm	L mm	Weight		
516.1501	3/8"	3/8"	18	28,0	51,5	165
516.1502	3/8"	3/8"	24	28,0	52,0	166

Pre-set torque limiter with ball lock

- High accuracy
- For controlled fastening in clockwise and counter clockwise directions
- Clearly noticeable torque release signal through ratchet
- It is not possible to over tighten the set value
- Automatic reset in the initial position
- Without scale - with a fixed adjustable value
- Easy to operate
- For application with low torque
- Hexagon socket holder in accordance with DIN 3126 - E6,3
- Square drive in accordance with DIN 3120 - ISO 1174



	Measuring range Nm	D1 mm	D2 mm	L mm	Weight		
516.1503	1/4"	3/8	0,5-5	22,0	11,0	75,0	90
516.1504	1/4"	3/8	5-10	22,0	11,0	75,0	90

Pre-set torque limiter with ball lock

- High accuracy
- For controlled fastening in clockwise and counter clockwise directions
- Clearly noticeable torque release signal through ratchet
- It is not possible to over tighten the set value
- Automatic reset in the initial position
- Without scale - with a fixed adjustable value
- Easy to operate
- For application with low torque
- Square drive in accordance with DIN 3120 - ISO 1174 with ball lock



	Measuring range Nm	D1 mm	D2 mm	L mm	Weight		
516.1507	3/8"	3/8"	0,5-5	22,0	10,0	75,0	95
516.1508	3/8"	3/8"	5-10	22,0	10,0	75,0	95

TORQUE WRENCH



Ratchet head:
A highly robust ratchet mechanism for clockwise and counter-clockwise movement is integrated in the polished ratchet head. The direction of rotation can be changed by simply rotating the square drive. A sliding roller bearing mechanism in the interior of the wrench ensures the highest level of accuracy and long life. An audible and palpable signal indicates automatically that the desired torque value has been achieved.

Accuracy of **±3 %**
of the scale reading
Precise reading accuracy for a minimum 5,000 tightening cycles

Corrosion:
The robust steel pipe body is coated with a powder coating protection in order to ensure durable corrosion-proof properties.



KS Ergotorque *Basic*
• Push through square (no mushroom heads)
• Large scale (no micro scale)
• Accuracy +/- 3%



KS Ultimate *precision*
• as for KS ERGOTORQUE *precision* - only with a 2% triggering accuracy



Rotating ratchet head **1/4" - 1"**

TECHNOLOGY

The desired torque can be adjusted and set by simply pulling the out locking knob, adjusting and then pushing in the locking knob at the end of the handle, using the ergonomic finger grips. A black ring on the locking knob indicates that the wrench must be set and adjusted for the required torque and also prevents inadvertent maladjustment of the wrench when using it.



RATCHET HEADS



Scale with magnifying glass:

A double scale having N·m and Lbf·ft divisions that can be read easily, is concealed under a large sized vision panel, which enables particularly accurate adjustment of the desired torque value. In order to be able to read off the scale in an optimal and simple manner, a strong magnifying glass is integrated in the vision panel.



Serial number:

A permanent and unique serial number is applied on all torque wrenches, which provides unique product identification.

Two-component handle:

The new durable and ergonomic two-component handle ensures safe and effortless working, whereby the softer component prevents the hand from slipping and provides maximum safety.

Handle end:

The desired torque can be adjusted and set by simply pulling the out locking knob, adjusting and then pushing in the locking knob at the end of the handle, using the ergonomic finger grips. A black ring on the locking knob indicates that the wrench must be set and adjusted for the required torque and also prevents inadvertent maladjustment of the wrench when using it.

Micrometer scale:

Even fine adjustments can be made with the help of the white micrometer scale. The vision panel has been sized liberally and ensures that the micrometer value can be read off the scale in an optimal and simple manner using the magnifying glass. Thus, depending on the model, divisions of 1/ 0,5/ 0,1 or 0,025 N·m can be adjusted accurately.



Reversible ratchet head

1/4" - 1/2"



Quick change tool system

9 x 12 mm



Quick change tool system

14 x 18 mm

PUSH BUTTON RELEASE

MUSHROOM HEAD WITH SQUARE

QUICK CHANGE TOOL SYSTEM



The direction of rotation (clockwise and counter clockwise) can be changed by simply rotating the square drive piece. The torque wrenches can be upgraded to another drive size with the range of accessories available.



CLOCK-WISE FASTENING

 COUNTER-CLOCK-WISE FASTENING

The quick-change tool system has diverse drive options for various applications for clockwise and counter clockwise fastening with a safety connector for standard sizes of 9 x 12 or 14 x 18 mm push-fit tools provides the solution for all areas of industrial manufacturing.



9 x 12 mm
 14 x 18 mm

ERGOTORQUE®basic TORQUE WRENCH

T-handle box wrench

- Enables quick pre-fastening of the screw connections
- Especially for using in confined spaces
- Especially suitable for rapid screw tightening with the T-handle
- It is simply to be used in place of the standard box wrench
- Ergonomically shaped T-handle
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock



1/4" 3/8" 1/2"

	□	■	B mm	L mm	g
516.1404	3/8"	1/4"	83.0	72.0	51
516.1414	3/8"	3/8"	83.0	72.0	51
516.1424	1/2"	3/8"	100.0	83.0	97
516.1444	1/2"	1/2"	100.0	83.0	107

Rotary square box wrench

- Enables quick pre-fastening of the screw connections, especially in constrained spaces
- Simple to be used in place of the standard box wrench
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock



1/4" 3/8" 1/2" 3/4" 1"

	□	■	D mm	L mm	g
516.1403	3/8"	1/4"	31.0	33.0	21
516.1413	3/8"	3/8"	31.0	33.0	21
516.1423	1/2"	3/8"	39.0	52.0	65
516.1443	1/2"	1/2"	39.0	52.0	65
516.1494	3/4"	3/4"	63.0	73.0	180
516.1491	1"	3/4"	83.0	78.0	380
516.1496	1"	1"	83.0	78.0	380

Insert type box wrench

- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock



3/8" 1/2"

	□	■	L mm	g
516.1933	1/2"	1/2"	43.0	49
516.1943	1/2"	3/8"	43.0	48

ERGOTORQUE®basic torque wrench with feed-through square ratchet head

- Actuation accuracy: $\pm 3\%$ tolerance from the set scale value
- Precise reading accuracy for a minimum 5,000 tightening cycles
- For controlled fastening in clockwise and counter clockwise directions
- The direction of rotation (clockwise and counter clockwise) can be changed by simply rotating the square drive piece
- Double scale in N·m and lbf·ft divisions for precise adjustment
- Large vision panel, precise adjustment using a magnifying glass
- An audible and palpable signal when the desired torque value is achieved
- With exact gearing 30 teeth ratchet mechanism
- Torque setting is quick and easy using the locking knob in the handle end
- Secure locking function within the handle
- Two component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard



	■	N·m	lbf·ft	Division N·m	L mm	D mm	H mm	g
516.1932	1/2"	10-100	8-75	5.00	395.0	43.0	27.0	0.91
516.1942	1/2"	20-200	15-150	10.00	485.0	43.0	27.0	1.12
516.1972	1/2"	60-320	45-236	10.00	585.0	43.0	27.0	1.45

ERGOTORQUE®precision TORQUE WRENCH

ERGOTORQUE®precision torque wrench with rotary mushroom ratchet head

- Actuation accuracy: $\pm 3\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 5,000 tightening cycles
- For controlled fastening in clockwise and counter clockwise directions
- Torque setting by pulling out and pushing in the slide in knob at the end of the handle
- The direction of rotation (clockwise and counter clockwise) can be changed by simply rotating the square drive piece
- Double scale in N·m and lbf·ft divisions for precise adjustment
- Includes micrometer scale in N·m divisions for precise and fine adjustment
- Large vision panel, precise adjustment using a magnifying glass
- An audible and palpable signal when the desired torque value is achieved
- Exact gearing 30 teeth ratchet mechanism
- Torque setting is quick and easy using the locking knob in the handle end
- Secure locking function within the handle
- Two component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Individually marked with serial number unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard



	■	N·m	Division N·m	lbf·ft	L mm	D mm	H mm	g
516.1412	1/4"	1-25	0.10	0.8-18	289.0	35.0	18.0	0.46
516.1422	3/8"	5-50	0.25	4-37	350.0	45.0	23.0	0.61
516.1432	1/2"	10-100	0.50	8-75	412.0	45.0	23.0	0.91
516.1442	1/2"	20-200	1.00	15-150	500.0	45.0	23.0	1.30
516.1472	1/2"	60-320	1.00	45-236	585.0	45.0	23.0	1.45
516.1482	1/2"	80-420	1.00	60-310	678.0	45.0	23.0	2.10
516.1490	3/4"	100-550	1.00	75-405	960.0	69.0	33.0	3.80
516.1493	3/4"	200-750	10.00	150-550	1250.0	69.0	33.0	7.30
516.1495	1"	300-1000	20.00	220-730	1500.0	90.0	36.0	5.80

ERGOTORQUE®precision torque wrench with reversible ratchet head

- Actuation accuracy: $\pm 3\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 5,000 tightening cycles
- For controlled fastening in a clockwise direction
- Can unfasten without any torque restraint thanks to the anticlockwise latch
- Double scale in N·m and lbf·ft divisions for precise adjustment
- Includes micrometer scale in N·m divisions for precise and fine adjustment
- Large vision panel, precise adjustment using a magnifying glass
- An audible and palpable signal when the desired torque value is achieved
- With exact gearing 36 teeth ratchet mechanism
- With ejection mechanism on the ratchet head
- Torque setting is quick and easy using the locking knob in the handle end
- Secure locking function within the handle
- Two-component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard



1/4" 3/8" 1/2"

	■	N·m	lbf·ft	Division N·m	L mm	D mm	H mm	g
516.1512	1/4"	1-25	0.8-18	0.10	289.0	35.0	18.0	0.46
516.1522	3/8"	5-50	4-37	0.25	350.0	45.0	23.0	0.61
516.1532	1/2"	10-100	8-75	0.50	412.0	45.0	23.0	0.91
516.1542	1/2"	20-200	15-150	1.00	500.0	45.0	23.0	1.30
516.1572	1/2"	60-320	45-236	1.00	585.0	45.0	23.0	1.45
516.1582	1/2"	80-420	60-310	1.00	678.0	45.0	23.0	2.10

ERGOTORQUE®precision fine adjustment torque wrench with rectangular tool holder

- Actuation accuracy: $\pm 3\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 5,000 tightening cycles
- For controlled fastening in clockwise and counter clockwise directions
- Easy to adjust from clockwise to counter clockwise by turning the torque wrench 180°
- Double scale in N·m and lbf·ft divisions for precise adjustment
- With additional micrometer scale in N·m divisions for precise and fine adjustment
- Large vision panel, precise adjustment using a magnifying glass
- An audible and palpable signal when the desired torque value is achieved
- Torque setting is quick and easy using the locking knob in the handle end
- Secure locking function within the handle
- Two-component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Snap lock tool holder available for replaceable 9x12 or 14x18 end tools
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard

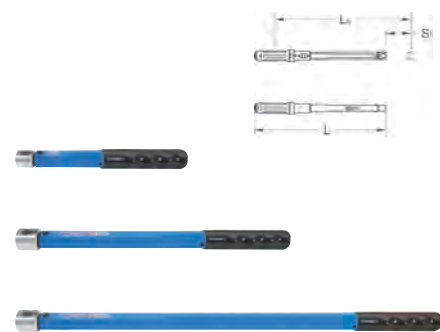


9x12 14x18

	□	N·m	lbf·ft	Division N·m	L mm	L ₁ mm	S mm	g
516.1612	9x12	1-25	0.8-18	0.10	280.0	245.0	17.5	0.30
516.1622	9x12	5-50	4-37	0.25	335.0	295.0	17.5	0.45
516.1632	9x12	10-100	8-75	0.50	375.0	335.0	17.5	0.80
516.1633	14x18	10-100	8-75	0.50	375.0	335.0	17.5	1.02
516.1642	9x12	20-200	15-150	1.00	465.0	425.0	17.5	0.85
516.1652	14x18	20-200	15-150	1.00	470.0	435.0	25.0	0.90
516.1672	14x18	60-320	45-236	1.00	565.0	530.0	25.0	1.20
516.1682	14x18	80-420	60-310	1.00	650.0	435.0	25.0	1.60

ERGOTORQUE@precision fine adjustment torque wrench with rectangular tool holder

- Actuation accuracy: $\pm 3\%$ tolerance from the set value
- Precise reading accuracy for a minimum 5,000 tightening cycles
- For controlled fastening in clockwise and counter clockwise directions
- Without scale - With a fixed adjustable value
- An audible and palpable signal when the desired torque value is achieved
- Two-component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Snap lock tool holder available for replaceable 9x12 or 14x18 end tools
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard



1/4" 3/8"

		N·m	lb·ft	L mm	L mm	S mm	kg
516.1810	9x12	1-25	0,8 - 18	190,0	155,0	17,5	230
516.1820	9x12	5-50	4 - 37	250,0	210,0	17,5	300
516.1830	9x12	15-85	12 - 64	330,0	280,0	17,5	370
516.1840	14x18	20-200	15 - 150	410,0	370,0	25,0	780

ERGOTORQUE@precision torque wrench toolkit 1-25 N·m

- Set contents for universal applications
- Includes torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



1/4"

			kg
516.1515	31 pcs	ERGOTORQUE@precision torque wrench toolkit 1-25 N·m	4,99
1 x		1 - 25 N·m	
4 x		50 - 75 - 100 - 150 mm	
13 x		4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	
6 x		3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		T10 - T15 - T20 - T25 - T27 - T30 T40	

ERGOTORQUE@precision torque wrench toolkit 5-50 N·m

- Set contents for universal applications
- Includes torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



3/8"

			kg
516.1525	40 pcs	ERGOTORQUE@precision torque wrench toolkit 5-50 N·m	6,62
1 x		5 - 50 N·m	
3 x		75 - 150 - 250 mm	
18 x		6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm	
7 x		3 - 4 - 5 - 6 - 7 - 8 - 10 mm	
11 x		T10 - T15 - T20 - T25 - T27 - T30 T40 - T45 - T50 - T55 - T60	

ERGOTORQUE@precision TORQUE WRENCH TOOLKIT

ERGOTORQUE@precision torque wrench toolkit 1 - 25 N·m

- Set contents for universal applications
- Includes torque wrench with rotary mushroom ratchet head
- Supplied in a metal carrying case with the tools clearly organised



1/4"

			kg
516.1415	35 pcs	ERGOTORQUE@precision torque wrench toolkit 1 - 25 N·m	4,73
1 x		1 - 25 N·m	
4 x		50 - 75 - 100 - 150 mm	
13 x		4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	
6 x		3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		T10 - T15 - T20 - T25 - T27 - T30 T40	
2 x		3/8" x 1/4" ; 3/8"	
2 x		3/8" x 1/4" ; 3/8"	

ERGOTORQUE@precision torque wrench toolkit 5 - 50 N·m

- Set contents for universal applications
- Includes torque wrench with rotary mushroom ratchet head
- Supplied in a metal carrying case with the tools clearly organised



3/8"

			kg
516.1425	44 pcs	ERGOTORQUE@precision torque wrench toolkit 5 - 50 N·m	10,32
1 x		5 - 50 N·m	
3 x		75 - 150 - 250 mm	
18 x		6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm	
7 x		3 - 4 - 5 - 6 - 7 - 8 - 10 mm	
11 x		T10 - T15 - T20 - T25 - T27 - T30 T40 - T45 - T50 - T55 - T60	
2 x		3/8" x 1/4" ; 3/8"	
2 x		3/8" x 1/4" ; 3/8"	

ERGOTORQUE@precision torque wrench toolkit 10-100 N·m

- Set contents for universal applications
- Includes torque wrench with rotary mushroom ratchet head
- Supplied in a metal carrying case with the tools clearly organised



1/2"

			kg
516.1435	52 pcs	ERGOTORQUE@precision torque wrench toolkit 10-100 N·m	13,48
1 x		10 - 100 N·m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 T40 - T45 - T50 - T55 - T60 - T70	
2 x		1/2" x 3/8" ; 1/2"	
2 x		1/2" x 3/8" ; 1/2"	

ERGOTORQUE@precision torque wrench toolkit 20-200 N-m

- Set contents for universal applications
- Includes torque wrench with rotary mushroom ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.1445	52 pcs	ERGOTORQUE@precision torque wrench toolkit 20-200 N-m	13.90
1 x		20 - 200 N-m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 T40 - T45 - T50 - T55 - T60 - T70	
2 x		1/2" x 3/8" ; 1/2"	
2 x		1/2" x 3/8" ; 1/2"	

ERGOTORQUE@precision torque wrench toolkit 10-100 N-m

- Set contents for universal applications
- Includes torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.1535	48 pcs	ERGOTORQUE@precision torque wrench toolkit 10-100 N-m	13.61
1 x		10 - 100 N-m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 T40 - T45 - T50 - T55 - T60 - T70	

ERGOTORQUE@precision torque wrench toolkit 60-320 N-m

- Set contents for universal applications
- Includes torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.1575	48 pcs	ERGOTORQUE@precision torque wrench toolkit 60-320 N-m	14.11
1 x		60 - 320 Nm	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 T40 - T45 - T50 - T55 - T60 - T70	

ERGOTORQUE@precision torque wrench toolkit 60-320 N-m

- Set contents for universal applications
- Includes torque wrench with rotary mushroom ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.1475	52 pcs	ERGOTORQUE@precision torque wrench toolkit 60-320 N-m	13.98
1 x		60 - 320 N-m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 T40 - T45 - T50 - T55 - T60 - T70	
2 x		1/2" x 3/8" ; 1/2"	
2 x		1/2" x 3/8" ; 1/2"	

ERGOTORQUE@precision torque wrench toolkit 20-200 N-m

- Set contents for universal applications
- Includes torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.1545	48 pcs	ERGOTORQUE@precision torque wrench toolkit 20-200 N-m	13.81
1 x		20 - 200 N-m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 T40 - T45 - T50 - T55 - T60 - T70	

ERGOTORQUE@precision torque wrench toolkit 80-420 N-m

- Set contents for universal applications
- Includes torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.1585	48 pcs	ERGOTORQUE@precision torque wrench toolkit 80-420 N-m	14.51
1 x		80 - 420 N-m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 T40 - T45 - T50 - T55 - T60 - T70	

ERGOTORQUE@precision torque wrench toolkit 1-25 N·m

- Set contents for universal applications
- Includes torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



9x12 mm

9x12 mm		kg	
516.1615	33 pcs	ERGOTORQUE@precision torque wrench toolkit 1-25 N·m	8,47
1 x		1 - 25 N·m	
13 x		7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
14 x		7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm	
2 x		1/4" - 5/16"	
1 x		9 x 12	
2 x		1/4" - 3/8"	

ERGOTORQUE@precision torque wrench toolkit 10-100 N·m

- Set contents for universal applications
- Includes torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



9x12 mm

9x12 mm		kg	
516.1635	33 pcs	ERGOTORQUE@precision torque wrench toolkit 10-100 N·m	8,92
1 x		10 - 100 N·m	
13 x		7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
14 x		7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm	
2 x		1/4" - 5/16"	
1 x		9 x 12	
2 x		1/4" - 3/8"	

ERGOTORQUE@precision torque wrench toolkit 60-320 N·m

- Set contents for universal applications
- Includes torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



16x18 mm

16x18 mm		kg	
516.1675	39 pcs	ERGOTORQUE@precision torque wrench toolkit 60-320 N·m	15,25
1 x		60 - 320 N·m	
19 x		13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 26 - 27 - 29 - 30 - 32 - 34 - 36 - 38 - 41 mm	
16 x		13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 - 41 mm	
1 x		5/16"	
1 x		14 x 18	
1 x		1/2"	

ERGOTORQUE@precision torque wrench toolkit 5-50 N·m

- Set contents for universal applications
- Includes torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



9x12 mm

9x12 mm		kg	
516.1625	33 pcs	ERGOTORQUE@precision torque wrench toolkit 5-50 N·m	8,56
1 x		5 - 50 N·m	
13 x		7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
14 x		7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm	
2 x		1/4" - 5/16"	
1 x		9 x 12	
2 x		1/4" - 3/8"	

ERGOTORQUE@precision torque wrench toolkit 20-200 N·m

- Set contents for universal applications
- Includes torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



9x12 mm

9x12 mm		kg	
516.1645	32 pcs	ERGOTORQUE@precision torque wrench toolkit 20-200 N·m	9,12
1 x		20 - 200 N·m	
13 x		7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
14 x		7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm	
2 x		1/4" - 5/16"	
1 x		9 x 12	
1 x		1/2"	

ERGOTORQUE@precision torque wrench toolkit 80-420 N·m

- Set contents for universal applications
- Includes torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



16x18 mm

16x18 mm		kg	
516.1685	39 pcs	ERGOTORQUE@precision torque wrench toolkit 80-420 N·m	15,65
1 x		80 - 420 N·m	
19 x		13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 26 - 27 - 29 - 30 - 32 - 34 - 36 - 38 - 41 mm	
16 x		13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 - 41 mm	
1 x		5/16"	
1 x		14 x 18	
1 x		1/2"	

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ULTIMATE^{precision} TORQUE WRENCH

- Accuracy of $\pm 2\%$ of the scale value
- Precise reading accuracy for a minimum 10.000 tightening cycles
- Tested with certification in accordance to DIN EN 6789
- Durable and ergonomic two-component handle
- Secure and clearly visible indentations in the handle
- Easily readable double scale with fine torque adjustment
- Individually marked with serial number - unique product identification
- Diverse drive options for different types of applications
- Clearly audible and palpable release signal when the desired torque value has been achieved
- Durable corrosion-proof construction due to the robust and powder-coated steel pipe
- Overload guarantee of $\pm 125\%$ of the maximum scale or torque value



Serial number:
A permanent and unique serial number is applied on all torque wrenches, which provides unique product identification.

Ratchet head:
A highly robust ratchet mechanism 72 teeth for clockwise and counter clockwise movement is integrated in the polished ratchet head. The direction of rotation can be changed by simply rotating the square drive. A sliding roller bearing mechanism in the interior of the wrench ensures the highest level of accuracy and long life. An audible and palpable signal indicates automatically that the desired torque value has been achieved.

Accuracy of $\pm 2\%$ of the scale reading
Precise reading accuracy for a minimum 10.000 tightening cycles

Corrosion:
The robust steel pipe body is coated with a powder coating protection in order to ensure durable corrosion-proof properties.



TECHNOLOGY

The desired torque can be adjusted and set by simply pulling the out locking knob, adjusting and then pushing in the locking knob at the end of the handle, using the ergonomic finger grips. A red ring on the locking knob indicates that the wrench must be set and adjusted for the required torque and also prevents inadvertent maladjustment of the wrench when using it.



RATCHET HEAD





Reversible ratchet head $\frac{1}{4}'' - 1''$



Rotary ratchet head $\frac{1}{4}'' - \frac{1}{2}''$



Tool-attachment bracket 9×12



Tool-attachment bracket 14×18

Scale with magnifying glass

A double scale having N·m and Lbf·ft divisions that can be read easily, is concealed under a large sized vision panel, which enables particularly accurate adjustment of the desired torque value. In order to be able to read off the scale in an optimal and simple manner, a strong magnifying glass is integrated in the vision panel.



Dual component handle

The durable and ergonomic two-component handle ensures safe and effortless working, whereby the softer component prevents the hand from slipping and provides maximum safety.



Handle end locking:

The desired torque can be adjusted and set by simply pulling the out locking knob, adjusting and then pushing in the locking knob at the end of the handle, using the ergonomic finger grips. A black ring on the locking knob indicates that the wrench must be set and adjusted for the required torque and also prevents inadvertent maladjustment of the wrench when using it.

Micrometer scale:

Even fine adjustments can be made with the help of the white micrometer scale. The vision panel has been sized liberally and ensures that the micrometer value can be read off the scale in an optimal and simple manner using the magnifying glass. Thus, depending on the model, divisions of $1/0,5/0,1$ or $0,025$ N·m can be adjusted accurately.



PUSH BUTTON RELEASE



MUSHROOM HEAD WITH SQUARE

The direction of rotation (clockwise and counter clockwise) can be changed by simply rotating the square drive piece. The torque wrenches can be upgraded to another drive size with the range of accessories available.



CLOCKWISE FASTENING



COUNTER CLOCKWISE FASTENING

QUICK CHANGE TOOL SYSTEM

The quick-change tool system has diverse drive options for various applications for clockwise and counter clockwise fastening with a safety connector for standard sizes of 9 x 12 or 14 x 18 mm push-fit tools provides the solution for all areas of industrial manufacturing.



ULTIMATEprecision TORQUE WRENCH

T-handle box wrench

- Enables quick pre-fastening of the screw connections
- Especially for using in confined spaces
- Especially suitable for rapid screw tightening with the T-handle
- It is simply to be used in place of the standard box wrench
- Ergonomically shaped T-handle
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock



	□	■	B mm	L mm	W
516.1404	3/8"	1/4"	83.0	72.0	51
516.1414	3/8"	3/8"	83.0	72.0	51
516.1424	1/2"	3/8"	100.0	83.0	97
516.1444	1/2"	1/2"	100.0	83.0	107



Rotary square box wrench

- Enables quick pre-fastening of the screw connections, especially in constrained spaces
- Simple to be used in place of the standard box wrench
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock



	□	■	D mm	L mm	W
516.1403	3/8"	1/4"	31.0	33.0	21
516.1413	3/8"	3/8"	31.0	33.0	21
516.1423	1/2"	3/8"	39.0	52.0	65
516.1443	1/2"	1/2"	39.0	52.0	65
516.1494	3/4"	3/4"	63.0	73.0	180
516.1491	1"	3/4"	83.0	78.0	380
516.1496	1"	1"	83.0	78.0	380

ULTIMATEprecision torque wrench with rotary mushroom ratchet head

- Actuation accuracy: $\pm 2\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 10,000 tightening cycles
- For controlled fastening in clockwise and counter clockwise directions
- Torque setting by pulling out and pushing in the slide-in knob at the end of the handle
- For controlled fastening in both directions.
- Double scale in N·m and lbf·ft divisions for precise adjustment
- With additional micrometer scale in N·m divisions for precise and fine adjustment
- Large vision panel, precise adjustment using a magnifying glass
- An audible and palpable signal when the desired torque value is achieved
- With exact gearing 30 teeth ratchet mechanism
- Torque setting is quick and easy using the locking knob in the handle end
- Secure locking function within the handle
- Two-component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789 national standard



	□	N·m	Division N·m	lbf·ft	L mm	D mm	H mm	W
516.4012	1/4"	1-25	0.10	0.8 - 18	289.0	35.0	18.0	0.46
516.4022	3/8"	5-50	0.25	4 - 37	350.0	45.0	23.0	0.61
516.4032	1/2"	10-100	0.50	8 - 75	412.0	45.0	23.0	0.91
516.4042	1/2"	20-200	1.00	15 - 150	500.0	45.0	23.0	1.30
516.4072	1/2"	60-320	1.00	45 - 236	585.0	45.0	23.0	1.45
516.4082	1/2"	80-420	1.00	60 - 310	678.0	45.0	23.0	2.10
516.4090	3/4"	100-550	1.00	75 - 405	960.0	69.0	33.0	3.80
516.4093	3/4"	140-750	10.00	150 - 550	1250.0	69.0	33.0	4.80
516.4095	1"	300-1200	20.00	220 - 730	1500.0	90.0	36.0	5.80

ULTIMATEprecision torque wrench with rotary mushroom ratchet head

- Actuation accuracy: $\pm 2\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 10,000 tightening cycles
- For controlled fastening in a clockwise direction
- Can untighten without any torque restraint thanks to the anticlockwise latch
- Double scale in N·m and lbf·ft divisions for precise adjustment
- With additional micrometer scale in N·m divisions for precise and fine adjustment
- Large vision panel, precise adjustment using a magnifying glass
- An audible and palpable signal when the desired torque value is achieved
- With exact gearing 36 teeth ratchet mechanism
- With ejection mechanism on the ratchet head
- Torque setting is quick and easy using the locking knob in the handle end
- Secure locking function within the handle
- Two-component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789 national standard



	□	N·m	lbf·ft	Division N·m	L mm	D mm	H mm	W
516.4912	1/4"	1-25	0.8 - 18	0.10	289.0	35.0	18.0	0.46
516.4922	3/8"	5-50	4 - 37	0.25	350.0	45.0	23.0	0.61
516.4932	1/2"	10-100	8 - 75	0.50	412.0	45.0	23.0	0.91
516.4942	1/2"	20-200	15 - 150	1.00	500.0	45.0	23.0	1.30
516.4972	1/2"	60-320	45 - 236	1.00	585.0	45.0	23.0	1.45
516.4982	1/2"	80-420	60 - 310	1.00	678.0	45.0	23.0	2.10

ULTIMATEprecision torque wrench with rectangular tool holder

- Actuation accuracy: $\pm 2\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 10,000 tightening cycles
- For controlled fastening in a clockwise and counter clockwise direction
- Easy to adjust from clockwise to counter clockwise by turning the torque wrench 180°
- Double scale in N·m and lbf·ft divisions for precise adjustment
- With additional micrometer scale in N·m divisions for precise and fine adjustment
- Large vision panel, precise adjustment using a magnifying glass
- An audible and palpable signal when the desired torque value is achieved
- Torque setting is quick and easy using the locking knob in the handle end
- Secure locking function within the handle
- Two-component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Snap lock tool holder available for replaceable 9x12 or 14x18 end tools
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789 national standard



	□	N·m	Division N·m	lbf·ft	L mm	L mm	S mm	W
516.4212	9x12	1-25	0.10	0.8 - 18	280.0	245.0	17.5	0.30
516.4222	9x12	5-50	0.25	4.0 - 37	335.0	295.0	17.5	0.45
516.4232	9x12	10-100	0.50	8.0 - 75	375.0	335.0	17.5	0.60
516.4242	9x12	20-200	1.00	15.0 - 150	465.0	425.0	17.5	0.85
516.4252	14x18	20-200	1.00	15.0 - 150	470.0	435.0	25.0	0.90
516.4272	14x18	60-320	1.00	45.0 - 236	565.0	530.0	25.0	1.20
516.4282	14x18	80-420	1.00	60.0 - 310	650.0	615.0	25.0	1.60
516.4290	14x18	100-550	1.00	75.0 - 405	920.0	875.0	25.0	3.75
516.4293	14x18	200-750	1.00	148 - 553	1120.0	1155.0	25.0	5.27

ULTIMATEprecision fine adjustment torque wrench with rectangular tool holder

- Actuation accuracy: $\pm 2\%$ tolerance of the set value
- Precise reading accuracy for a minimum 10,000 tightening cycles
- For controlled fastening in clockwise and counter clockwise directions
- Without scale - With a fixed adjustable value
- An audible and palpable signal when the desired torque value is achieved
- Two-component handle with a soft zone, is ergonomic in design and comfortable in the hand
- With snap lock tool holder available for replaceable 9x12 or 14x18 end tools
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789 national standard



	□	N·m	lbf·ft	L mm	L mm	S mm	W
516.4810	9x12	1-25	0.8 - 18	190.0	155.0	17.5	230
516.4820	9x12	5-50	4 - 37	250.0	210.0	17.5	300
516.4830	9x12	15-85	12 - 64	330.0	280.0	17.5	370
516.4840	14x18	20-200	15 - 180	410.0	370.0	25.0	780



ULTIMATEprecision TORQUE WRENCH TOOLKIT

ULTIMATEprecision torque wrench toolkit 1-25 N·m

- Set contents for universal applications
- Includes Torque wrench with rotary mushroom ratchet head
- Supplied in a metal carrying case with the tools clearly organised



		kg	
516.4015	35 pcs	ULTIMATEprecision torque wrench toolkit 1-25 N·m	4.74
1 x		1 - 25 N·m	
4 x		50 - 75 - 100 - 150 mm	
13 x		4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	
6 x		3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		T10 - T15 - T20 - T25 - T27 - T30 - T40	
2 x		3/8" x 1/4"; 3/8" x 3/8"	
2 x		3/8" x 1/4"; 3/8" x 3/8"	

ULTIMATEprecision torque wrench toolkit 5-50 N·m

- Set contents for universal applications
- Includes Torque wrench with rotary mushroom ratchet head
- Supplied in a metal carrying case with the tools clearly organised



		kg	
516.4025	42 pcs	ULTIMATEprecision torque wrench toolkit 5-50 N·m	10.33
1 x		5 - 50 N·m	
3 x		75 - 150 - 250 mm	
18 x		6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm	
7 x		3 - 4 - 5 - 6 - 7 - 8 - 10 mm	
11 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	
1 x		3/8" x 1/2"	

ULTIMATEprecision torque wrench toolkit 10-100 N·m

- Set contents for universal applications
- Includes torque wrench with rotary mushroom ratchet head
- Supplied in a metal carrying case with the tools clearly organised



		kg	
516.4035	52 pcs	ULTIMATEprecision torque wrench toolkit 10-100 N·m	13.49
1 x		1 - 100 N·m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 - T70	
2 x		1/2" x 3/8"; 1/2" x 1/2"	
2 x		3/8" x 1/4"; 3/8" x 3/8"	

ULTIMATEprecision torque wrench toolkit 1-25 N·m

- Set contents for universal applications
- Includes Torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



		kg	
516.4915	31 pcs	ULTIMATEprecision torque wrench toolkit 1-25 N·m	4.60
1 x		1 - 25 N·m	
4 x		50 - 75 - 100 - 150 mm	
13 x		4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	
6 x		3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		T10 - T15 - T20 - T25 - T27 - T30 - T40	

ULTIMATEprecision torque wrench toolkit 5-50 N·m

- Set contents for universal applications
- Includes Torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



		kg	
516.4925	40 pcs	ULTIMATEprecision torque wrench toolkit 5-50 N·m	6.29
1 x		5 - 50 N·m	
3 x		75 - 150 - 250 mm	
18 x		6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm	
7 x		3 - 4 - 5 - 6 - 7 - 8 - 10 mm	
11 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	

ULTIMATEprecision torque wrench toolkit 20-200 N·m

- Set contents for universal applications
- Includes Torque wrench with rotary mushroom ratchet head
- Supplied in a metal carrying case with the tools clearly organised



		kg	
516.4045	52 pcs	ULTIMATEprecision torque wrench toolkit 20-200 N·m	13.88
1 x		20 - 200 N·m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 - T70	
2 x		1/2" x 3/8"; 1/2" x 1/2"	
2 x		1/2" x 3/8"; 1/2" x 1/2"	

ULTIMATE precision torque wrench toolkit 60-320 N-m

- Set contents for universal applications
- Includes Torque wrench with rotary mushroom ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.4075	52 pcs	ULTIMATE precision torque wrench toolkit 60-320 N-m	14.03
1 x		60 - 320 N-m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 - T70	
2 x		1/2" x 3/8" ; 1/2"	
2 x		1/2" x 3/8" ; 1/2"	

ULTIMATE precision torque wrench toolkit 10-100 N-m

- Set contents for universal applications
- Includes Torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.4935	48 pcs	ULTIMATE precision torque wrench toolkit 10-100 N-m	13.22
1 x		10 - 100 N-m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 - T70	

ULTIMATE precision torque wrench toolkit 60-320 N-m

- Set contents for universal applications
- Includes Torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.4975	48 pcs	ULTIMATE precision torque wrench toolkit 60-320 N-m	13.76
1 x		60 - 320 N-m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 - T70	

ULTIMATE precision torque wrench toolkit 80-420 N-m

- Set contents for universal applications
- Includes torque wrench with rotary mushroom ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.4085	52 pcs	ULTIMATE precision torque wrench toolkit 80-420 N-m	14.68
1 x		80 - 420 N-m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 - T70	
2 x		1/2" x 3/8" ; 1/2"	
2 x		1/2" x 3/8" ; 1/2"	

ULTIMATE precision torque wrench toolkit 20-200 N-m

- Set contents for universal applications
- Includes torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.4945	48 pcs	ULTIMATE precision torque wrench toolkit 20-200 N-m	13.61
1 x		60 - 320 N-m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 - T70	

ULTIMATE precision torque wrench toolkit 80-420 N-m

- Set contents for universal applications
- Includes Torque wrench with reversible ratchet head
- Supplied in a metal carrying case with the tools clearly organised



516.4985	48 pcs	ULTIMATE precision torque wrench toolkit 80-420 N-m	14.41
1 x		80 - 420 N-m	
3 x		75 - 125 - 250 mm	
21 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 mm	
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm	
12 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 - T70	

ULTIMATEprecision torque wrench toolkit 1-25 N·m

- Set contents for universal applications
- Includes torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



9x12 mm

		kg	
516.4215	33 pcs	ULTIMATEprecision torque wrench toolkit 1-25 N·m	7,92
1 x		1 - 25 N·m	
13 x		7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
14 x		7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm	
2 x		1/4" - 5/16"	
1 x		9 x 12 mm	
2 x		1/4" - 3/8"	

ULTIMATEprecision torque wrench toolkit 10-100 N·m

- Set contents for universal applications
- Includes torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



9x12 mm

		kg	
516.4235	33 pcs	ULTIMATEprecision torque wrench toolkit 10-100 N·m	8,22
1 x		10 - 100 N·m	
13 x		7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
14 x		7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm	
2 x		1/4" - 5/16"	
1 x		9 x 12 mm	
2 x		1/4" - 3/8"	

ULTIMATEprecision torque wrench toolkit 60-320 N·m

- Set contents for universal applications
- Includes torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



13x18 mm

		kg	
516.4275	39 pcs	ULTIMATEprecision torque wrench toolkit 60-320 N·m	14,65
1 x		60 - 320 N·m	
19 x		13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 26 - 27 - 29 - 30 - 32 - 34 - 36 - 38 - 41 mm	
16 x		13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 - 41 mm	
1 x		5/16"	
1 x		14 x 18 mm	
1 x		1/2"	

ULTIMATEprecision torque wrench toolkit 5-50 N·m

- Set contents for universal applications
- Includes Torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



9x12 mm

		kg	
516.4225	33 pcs	ULTIMATEprecision torque wrench toolkit 5-50 N·m	8,07
1 x		5 - 50 N·m	
13 x		7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
14 x		7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm	
2 x		1/4" - 5/16"	
1 x		9 x 12 mm	
2 x		1/4" - 3/8"	

ULTIMATEprecision torque wrench toolkit 20-200 N·m

- Set contents for universal applications
- Includes torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



9x12 mm

		kg	
516.4245	33 pcs	ULTIMATEprecision torque wrench toolkit 20-200 N·m	8,47
1 x		20 - 200 N·m	
13 x		7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
14 x		7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm	
2 x		1/4" - 5/16"	
1 x		9 x 12 mm	
2 x		1/4" - 3/8"	

ULTIMATEprecision torque wrench toolkit 80-420 N·m

- Set contents for universal applications
- Includes torque wrench with rectangular tool holder
- Supplied in a metal carrying case with the tools clearly organised



13x18 mm

		kg	
516.4285	39 pcs	ULTIMATEprecision torque wrench toolkit 80-420 N·m	15,05
1 x		80 - 420 N·m	
19 x		13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 26 - 27 - 29 - 30 - 32 - 34 - 36 - 38 - 41 mm	
16 x		13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 - 41 mm	
1 x		5/16"	
1 x		14 x 18 mm	
1 x		1/2"	

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ALUTORQUEprecision



Torque wrench made from high-strength aluminium alloy



Ratchet head:
A robust mechanism, optionally with a square drive for controlled fastening or with a double square for controlled clockwise and counter clockwise fastening is integrated into the head.

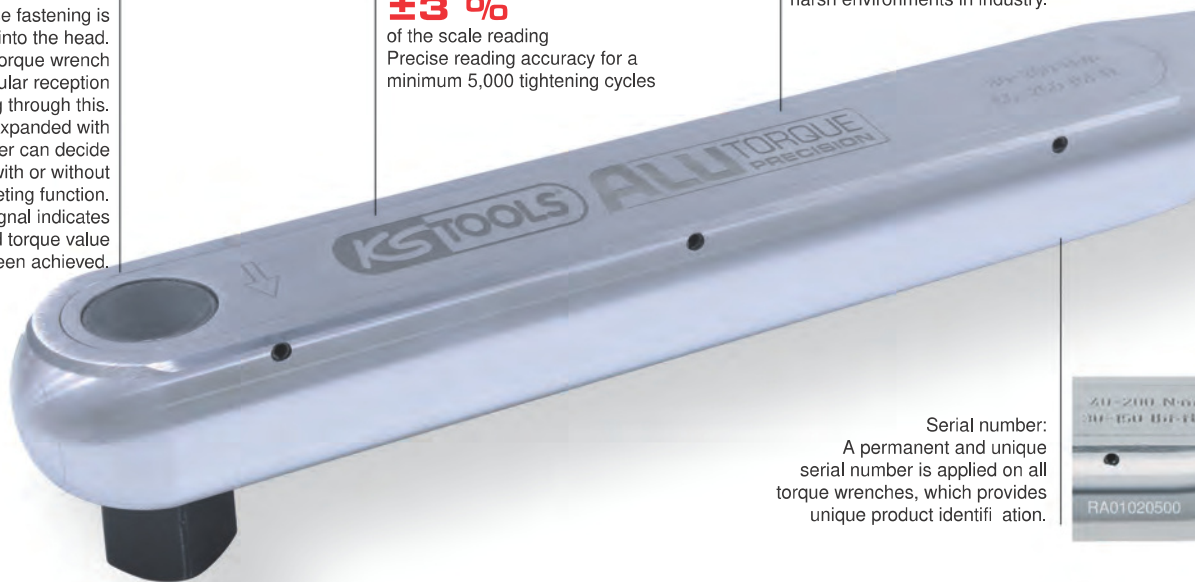
The ALUTORQUEprecision torque wrench is also available with a rectangular reception and guarantees flexible working through this.

The square drives can be expanded with pin ratchets so that the user can decide himself whether he wants to work with or without the ratcheting function.

An audible and palpable signal indicates automatically that the desired torque value has been achieved.

Accuracy of **±3 %** of the scale reading
Precise reading accuracy for a minimum 5,000 tightening cycles

The robust and durable body is ideal for use in harsh environments in industry.



Serial number:
A permanent and unique serial number is applied on all torque wrenches, which provides unique product identification.

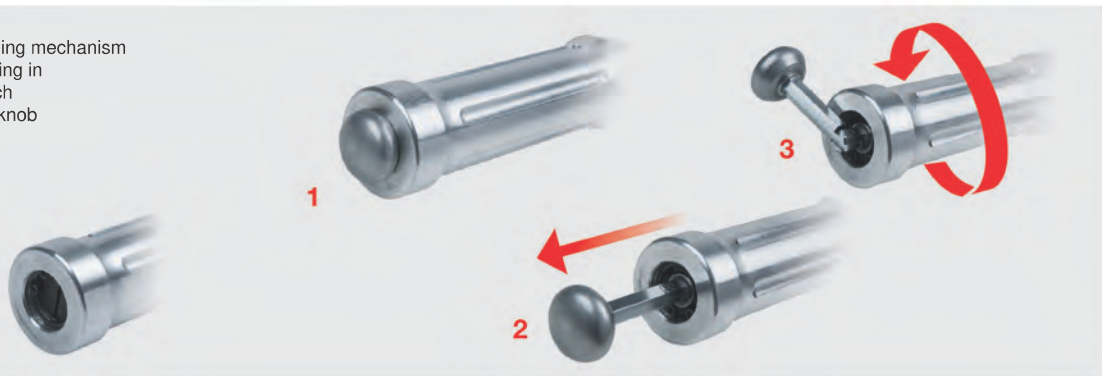


TECHNOLOGY

The desired torque can be adjusted and set using the folding mechanism by simply pulling out and pushing in the captive hexagon key wrench in connection with the locking knob at the end of the handle.



All ALUTORQUEprecision torque wrenches can be used permanently with safety.



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Scale:
A double scale having N.m and lbf.in/lbf.ft divisions that can be read easily, is concealed under a large sized vision panel, which enables particularly accurate adjustment of the desired torque value.

Aluminium handle:
The new light, durable and ergonomic aluminium handle ensures simple and secure operation.

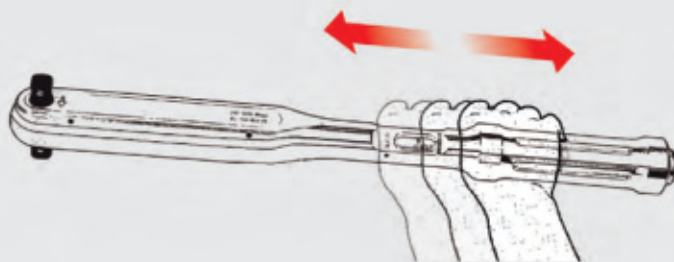
+/-3%

The desired torque can be adjusted and set using the folding mechanism by simply pulling out and pushing in the captive hexagon key wrench in connection with the locking knob at the end of the handle.



Error-free operation:

The pivot of the drive lever and the drive square lie on one axis, meaning that in contrast to conventional torque wrenches, it is possible to grip the torque wrench in any position, either using both hands or with an extension bar. Thanks to the lever chain a shift in the value is ruled out. The absolute accuracy always remains preserved.



ALUTORQUE^{precision} TORQUE WRENCH

ALUTORQUE^{precision} torque wrench

- Release accuracy: $\pm 3\%$ tolerance from the set scale value and better
- Use is almost all industrial production areas
- Depending on option with fast release function button
- Depending on option with robust ratchet mechanism
- Simple operation - fast and secure torque tightening
- Simple and/or double square for controlled fastening in clockwise and counter clockwise directions
- Double-scale Nm and lbf-ft and/or lbf-in division for precise adjustment
- Clear audible and noticeable torque release signal through close-gap release
- Secure locking possibility
- Ergonomic and hand-friendly handle
- Light, robust and very workshop friendly
- Long service-life and high holding times
- Highest precision and reliability even under tough long-term use
- Setting the torque by using the captive crank lever mechanism in the handle
- Comfortable setting through shapely, captive adjustment knob on the end of the handle
- Extendible to reduces the workload of the user
- Extremely low wear through force reductions through lever mechanism
- Square drive in accordance with DIN 3120 - ISO 1174 with ball lock
- Individual serial number for clear product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 - traceable to national standards

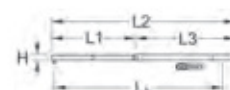


1/4" 3/8" 1/2" 3/4" 1" 1 1/2"

				N-m	Division N-m	lbf-in	lbf-ft	Division lbf-in	Division lbf-ft	L mm	H mm	L1 mm	L2 mm	L3 mm		
516.5030				1/4"	6-30	1.00	50-270	10.0		207	30.0	268.0				0.58
516.5031				1/4"	6-30	1.00	50-270	10.0		207	30.0	268.0				0.58
516.5032				3/8"	8-40	5.00	70-350	50.0		263	30.0	338.0				1.00
516.5033				3/8"	8-40	5.00	70-350	50.0		263	30.0	338.0				1.00
516.5034		X		1/2"	20-120	5.00	15-90	5.0		374	30.0	462.0				1.50
516.5035				1/2"	20-120	5.00	15-90	5.0		374	30.0	462.0				1.50
516.5036		X		1/2"	40-200	5.00	30-150	5.0		463	30.0	551.0				1.40
516.5037				1/2"	40-200	5.00	30-150	5.0		463	30.0	551.0				1.30
516.5038			X	1/2"	40-200	5.00	30-150	5.0		463	35.0	554.0				1.40
516.5039		X		1/2"	50-300	5.00	35-220	5.0		529	30.0	617.0				2.00
516.5040				1/2"	50-300	5.00	35-220	5.0		529	30.0	671.0				2.00
516.5041				3/4"	80-360	5.00	60-260	5.0		624	30.0	717.0				2.40
516.5042				3/4"	80-360	5.00	60-260	5.0		624	30.0	717.0				2.40
516.5043				3/4"	110-550	10.00	80-400	10.0		719	35.0	812.0				2.90
516.5044				3/4"	110-550	10.00	80-400	10.0		719	35.0	812.0				2.90
516.5045				3/4"	140-760	10.00	100-560	10.0		719	35.0	812.0				3.20
516.5046				3/4"	140-760	10.00	100-560	10.0		719	35.0	812.0				3.20
516.5047				3/4"	140-760	10.00	100-560	10.0		1297	35.0	812.0	1413.0	762.0	516.5059	5.00
516.5048				3/4"	140-760	10.00	100-560	10.0		1297	35.0	812.0	1413.0	762.0	516.5059	5.00
516.5049				3/4"	520-1000	10.00	380-730	10.0		1297	35.0	812.0	1413.0	762.0	516.5059	5.60
516.5050				3/4"	520-1000	10.00	380-730	10.0		1297	35.0	812.0	1413.0	762.0	516.5059	5.60
516.5051				1"	600-1500	25.00				1473	40.0	932.0	1608.0	925.0	516.5058	10.80
516.5052				1"	600-1500	25.00				1473	40.0	932.0	1608.0	925.0	516.5058	10.80
516.5053				1"	750-2000	50.00				2218	40.0	932.0	2353.0	925.0	516.5057+58	11.60
516.5054				1"	750-2000	50.00				2218	40.0	932.0	2353.0	925.0	516.5057+58	11.60
516.5055				1 1/2"	1500-3000	50.00				2313	40.0	1025.0	2463.0	925.0	516.5057+58	13.20

ALUTORQUEprecision Pre-set torque wrench

- Release accuracy: $\pm 3\%$ tolerance from the set scale value and better
- Use is almost all industrial production areas
- Depending on option with fast release function button
- Simple operation - fast and secure torque tightening
- Simple and/or double square for controlled fastening in clockwise and counter clockwise directions
- Double-scale Nm and lbf-ft and/or lbf-in in division for precise adjustment
- Clear audible and noticeable torque release signal through close-gap release
- Secure locking possibility
- Ergonomic and hand-friendly handle
- Light, robust and very workshop friendly
- Long service-life and high holding times
- Highest precision and reliability even under tough long-term use
- Setting the torque by using the captive crank lever mechanism in the handle
- Comfortable setting through shapely, captive adjustment knob on the end of the handle
- Extendible to reduces the workload of the user
- Extremely low wear through force reductions through lever mechanism
- Square drive in accordance with DIN 3120 - ISO 1174 with ball lock
- Individual serial number for clear product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 - traceable to national standards



				N-m	Drive size	Drive size	lb-ft	Drive size	Drive size	L mm	H mm	L1 mm	L2 mm	L3 mm	
516.5100	↺		1/4"	6-30	1.00	50-270		10.0		207	30.0	268.0			0.58
516.5101	↻		1/4"	6-30	1.00	50-270		10.0		207	30.0	268.0			0.58
516.5102	↺		3/8"	8-40	5.00	70-350		50.0		263	30.0	338.0			1.00
516.5103	↻		3/8"	8-40	5.00	70-350		50.0		263	30.0	338.0			1.00
516.5104	↺	X	1/2"	20-120	5.00		15-90		5.0	374	30.0	462.0			1.50
516.5105	↻		1/2"	20-120	5.00		15-90		5.0	374	30.0	462.0			1.50
516.5106	↺	X	1/2"	40-200	5.00		30-150		5.0	463	30.0	551.0			1.40
516.5107	↻		1/2"	40-200	5.00		30-150		5.0	463	30.0	551.0			1.30
516.5108	↺	X	1/2"	50-300	5.00		35-220		5.0	529	30.0	617.0			2.00
516.5109	↻		1/2"	50-300	5.00		35-220		5.0	529	30.0	617.0			2.00
516.5110	↺		3/4"	80-360	5.00		60-260		5.0	624	30.0	717.0			2.40
516.5111	↻		3/4"	80-360	5.00		60-260		5.0	624	30.0	717.0			2.40
516.5112	↺		3/4"	110-550	10.00		80-400		10.0	719	35.0	812.0			2.90
516.5113	↻		3/4"	110-550	10.00		80-400		10.0	719	35.0	812.0			2.90
516.5114	↺		3/4"	140-760	10.00		100-560		10.0	719	35.0	812.0			3.20
516.5115	↻		3/4"	140-760	10.00		100-560		10.0	719	35.0	812.0			3.20
516.5116	↺		3/4"	140-760	10.00		100-560		10.0	1297	35.0	812.0	1413.0	762.0	5.00
516.5117	↻		3/4"	140-760	10.00		100-560		10.0	1297	35.0	812.0	1413.0	762.0	5.00
516.5118	↺		3/4"	520-1000	10.00		380-730		10.0	1297	35.0	812.0	1413.0	762.0	5.60
516.5119	↻		3/4"	520-1000	10.00		380-730		10.0	1297	35.0	812.0	1413.0	762.0	5.60
516.5120	↺		1"	600-1500	25.00					1473	40.0	932.0	1608.0	925.0	10.80
516.5121	↻		1"	600-1500	25.00					1473	40.0	932.0	1608.0	925.0	10.80
516.5122	↺		1"	750-2000	50.00					2218	40.0	932.0	2353.0	925.0	11.60
516.5123	↻		1"	750-2000	50.00					2218	40.0	932.0	2353.0	925.0	11.60
516.5124	↺		1.1/2"	1500-3000	50.00					2313	40.0	1025.0	2453.0	925.0	13.20

ALUTORQUEprecision Socket pipe for torque wrench

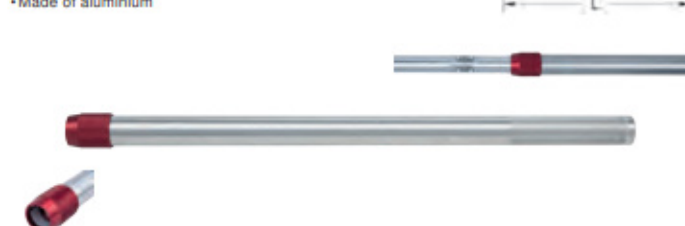
- To reach the high torque values easier with the lever arm extension
- Option and secure connection to the aluminium torque wrench
- To extend the lever arm
- Made of zinc coated steel



	L mm	Suitable for	
516.5056	400.0	516.5053	2.30
516.5057	745.0	516.5053, 516.5055	3.60
516.5058	762.0	516.5047, 516.5049	3.40

ALUTORQUEprecision aluminium extension pipe for torque wrench

- To reach the high torque values easier with the lever arm extension
- Option and secure connection to the aluminium torque wrench
- To extend the lever arm
- With slightly anodised clamping nut
- Made of aluminium



	L mm	Suitable for	
516.5059	925.0	516.5051, 516.5053, 516.5055	0.80

Ratchet adapter for aluminium torque wrench

- Robust ratchet adapter
- To be used in combination with aluminium torque wrench
- For controlled fastening in clockwise and counter clockwise directions
- Internal square in accordance with DIN 3120 / ISO 1174
- Square drive in accordance with DIN 3120 - ISO 1174 with ball lock
- For manual operation
- Matt finish
- Chrome vanadium



1/4" 3/8" 1/2" 3/4" 1"

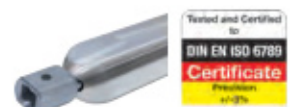
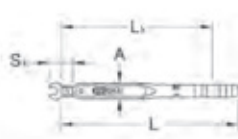
			H mm	D mm	Form	Substit. for	
516.5020	1/4"	1/4"	21.0	24.0	Right-handed rotation	516.5030	0.05
516.5021	3/8"	3/8"	28.0	35.0	Right-handed rotation	516.5032	0.15
516.5022	1/2"	1/2"	35.0	46.0	Right-handed rotation	516.5034, 516.5036, 516.5039	0.35
516.5023	3/4"	3/4"	53.0	65.0	Right-handed rotation	516.5041, 516.5043, 516.5045, 516.5047, 516.5049	1.00
516.5024	1"	1"	63.0	73.0	Right-handed rotation	516.5051, 516.5053	1.80
516.5025	3/8"	3/8"	28.0	35.0	Left-handed rotation	516.5033	0.15
516.5026	1/2"	1/2"	35.0	46.0	Left-handed rotation	516.5035, 516.5037, 516.5040	0.35
516.5027	3/4"	3/4"	53.0	65.0	Left-handed rotation	516.5042, 516.5044, 516.5046, 516.5048, 516.5050	1.00
516.5028	1"	1"	63.0	73.0	Left-handed rotation	516.5052, 516.5054	1.80

ALUTORQUE precision Fixed pre-set torque wrench with plug-in tool holder

- Release accuracy: $\pm 3\%$ tolerance from the set value
- Depending on tool use it is possible to work to the front (e.g. open-end wrench) or to the side (e.g. changeover ratchet and socket wrench set)
- Simple operation - fast and secure torque tightening
- Changing the operating direction takes place by turning the torque wrench
- Double-scale Nm and lbf-ft and/or lbf-in division for precise adjustment
- Clear audible and noticeable torque release signal through close-gap release
- With a fixed adjustable value
- Secure locking possibility
- Ergonomic and hand-friendly handle
- Light, robust and very workshop friendly
- Long service-life and high holding times
- Highest precision and reliability even under tough long-term use
- With lock connector
- Setting the torque by using the captive crank lever mechanism in the handle
- Extremely low wear through force reductions through lever mechanism
- Individual serial number for clear product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 - traceable to national standards

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- Release accuracy: $\pm 3\%$ tolerance from the set value
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- Simple operation - fast and secure torque tightening
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- Double-scale Nm and lbf-ft and/or lbf-in division for precise adjustment
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- Individual serial number for clear product identification
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1/2" 1/4"

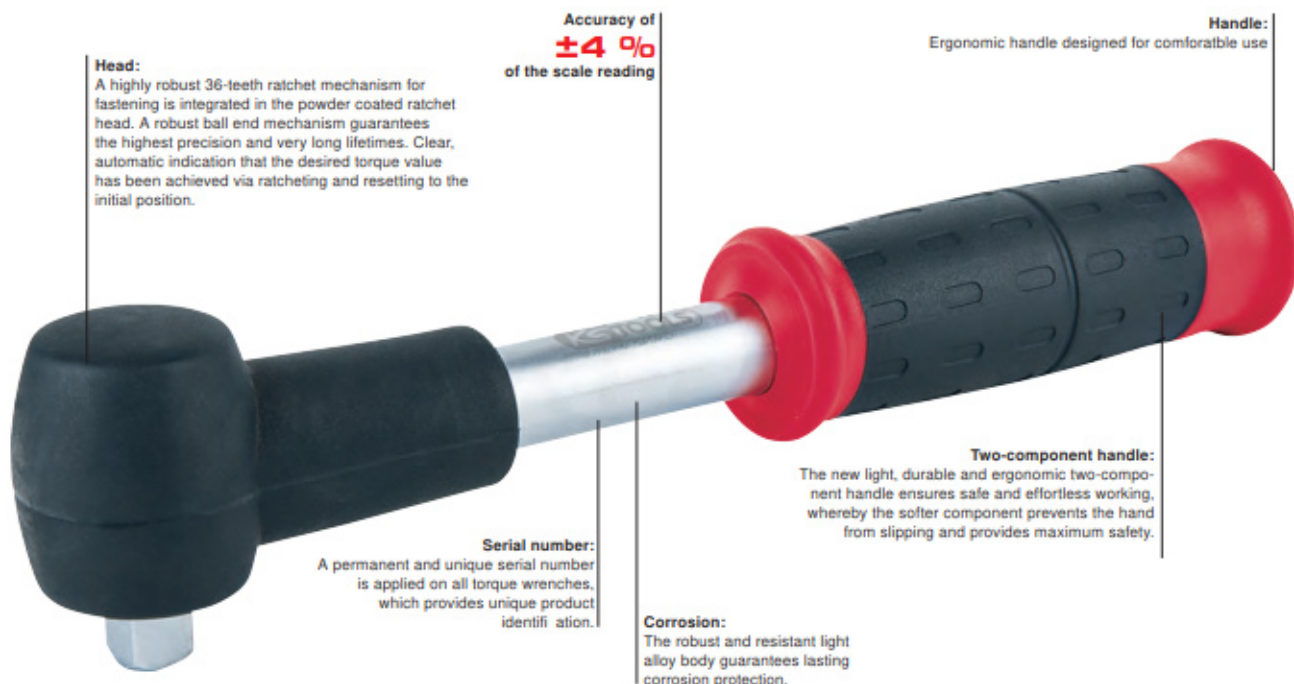
		N-m	Division Nm	lbf-in	Division lbf-in	Division lbf-ft	L mm	L mm	S mm	H mm	
516.5080	9x12	8-40	5.00	70-350		5.0	350.0	303	17.5	35.0	0.95
516.5081	9x12	20-120	5.00		15-90		5.0	474.0	414	17.5	1.25
516.5082	14x18	50-400	5.00		35-300		5.0	641.0	532	25.0	1.70

1/2" 1/4"

		N-m	Division Nm	lbf-in	Division lbf-in	Division lbf-ft	L mm	L mm	S mm	H mm	
516.5085	9x12	8-40	5.00	70-350		50.0	361.0	303	17.5	35.0	0.95
516.5086	9x12	20-120	5.00		15-90		5.0	485.0	414	17.5	1.25
516.5087	14x18	50-400	5.00		35-300		5.0	653.0	582	25.0	1.70

SLIPPER TORQUE WRENCH

Fixed preset ratchet torque wrench without scale with automatic trigger via slipping function – no overtightening possible.



Ratcheting operating principle

When a preset value is achieved the mechanism slips over the ball end (without the possibility of overtightening). The ratcheting torque wrench can then be used immediately again.



TECHNOLOGY



Pre-set Slipper torque wrench

- Release accuracy $\pm 6\%$ tolerance from the set scale value and better
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For serial and/or conveyor assembly lines
- For controlled fastening in a clockwise direction
- Clearly noticeable torque release signal through ratchet
- It is not possible to over tighten the set value
- Automatic reset in the initial position
- Without scale - with a fixed adjustable value
- Long service-life and high holding times
- Highest precision and reliability even under tough long-term use
- Ergonomic and hand-friendly rubber handle
- Square drive in accordance with DIN 3120 - ISO 1174 with ball lock
- Individual serial number for clear product identification
- Includes test certificate in accordance with DIN / ISO 6789:2003 - traceable to national standards



1/4" 3/8" 1/2"

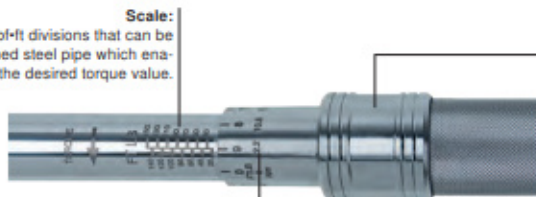
	■	Measuring range Nm	lb-ft	L mm	D mm	H mm	Weight kg
516.5000	1/4"	1-5	0,8-4	182,5	15,5	34,3	0,22
516.5001	1/4"	4-10	3-8	182,5	15,5	34,3	0,23
516.5002	3/8"	5-20	4-19	214,0	35,0	49,5	0,48
516.5003	3/8"	15-55	11-40	323,0	39,0	58,5	1,00
516.5004	1/2"	25-125	19-93	464,0	40,0	67,3	1,85

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INDUSTRIAL TORQUE WRENCH

Torque wrench made from fully chromed, slim steel construction for clockwise and counter clockwise movement

Scale:
A double scale having N·m / Lbf·in and Lbf·ft divisions that can be read easily, is concealed under the chromed steel pipe which enables particularly accurate adjustment of the desired torque value.



Handle end:
The desired torque can be adjusted and set by simply pulling out and pushing in the rotating assembly.

Micrometer scale:
Very precise adjustments can be made with the help of the white micrometer scale. The easily visible micrometer scale ensures optimal and simplified reading of the micrometer value. Thus, depending on the model, divisions of 5/ 1/ 0,5 N·m or lbf·in / lbf·ft can be adjusted accurately.



Accuracy of $\pm 3\%$ of the scale reading
Precise reading accuracy for a minimum 5,000 tightening cycles

Ratchet head:
A highly robust 72-tooth ratchet mechanism for clockwise and counter-clockwise movement is integrated in the polished ratchet head. A robust bearing mechanism in the interior of the wrench ensures the highest level of accuracy and long life. An audible and palpable signal indicates automatically that the desired torque value has been achieved.

Steel handle:
The new light, durable and ergonomic steel handle ensures simple and secure operation without any wear due to its fluting.

Serial number:
A permanent and unique serial number is applied on all torque wrenches, which provides unique product identification.

Corrosion:
The slim, robust and resistant fully chromed steel body is ideal for use in industry.



Industrial torque wrench with reversible ratchet head

- Actuation accuracy: $\pm 3\%$ tolerance from the set scale value and better
- Precise reading accuracy for a minimum 5,000 tightening cycles
- Use is almost all industrial production areas
- For controlled fastening in clockwise and counter clockwise directions
- Double-scale Nm and lbf-ft and/or lbf-in division
- Including a micrometre scale in Nm divisions and lbf-ft and/or lbf-in for precise and fine adjustment
- Clearly audible and noticeable torque release signal
- Setting the torque securely by turning the handle
- Secure locking function within the handle
- Long service-life and high holding times
- Highest precision and reliability even under tough long-term use
- Square drive adaptor in accordance with DIN 3120 - ISO 1174 with ball lock
- Individual serial number for clear product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 - traceable to national standards



1/4" 3/8" 1/2" 3/4" 1"

	Measuring range Nm	Tooth	Division Nm	lbf·in	lbf·ft	Division lbf·in	Division lbf·ft	D mm	L mm	kg
516.5150	1/4"	1-6	64	0.05	11.1-50.9		0.4	26.0	210.0	0.29
516.5151	1/4"	3-15	64	0.10	31-128		0.9	26.0	210.0	0.29
516.5152	1/4"	5-25	64	0.20	53-212		1.8	26.0	248.0	0.33
516.5153	3/8"	10-60	32	0.50	9.2-42.4	0.4	36.5	370.0	0.84	
516.5154	3/8"	20-100	32	0.50	16.6-71.9	0.4	36.5	433.0	1.02	
516.5155	1/2"	40-200	32	1.00	33-144	0.7	43.5	530.0	1.64	
516.5156	1/2"	60-340	32	2.00	52-243	1.5	43.5	610.0	1.80	
516.5157	3/4"	100-600	24	5.00	92-424	7.4	63.5	1050.0	4.98	
516.5158	3/4"	150-800	24	5.00	129-572	7.4	63.5	1240.0	6.05	
516.5159	3/4"	200-1000	24	5.00	166-719	7.4	63.5	1240.0	6.05	
516.5160	1"	300-1500	24	10.00	258-1070	14.7	70.0	1850.0	10.51	

Industrial torque wrench with plug-in tool holder

- Actuation accuracy: $\pm 3\%$ tolerance from the set scale value and better
- Precise reading accuracy for a minimum 5,000 tightening cycles
- Use is almost all industrial production areas
- For controlled fastening in clockwise and counter clockwise directions
- Double-scale Nm and lbf-ft and/or lbf-in division
- Including a micrometre scale in Nm divisions and lbf-ft and/or lbf-in for precise and fine adjustment
- Clearly audible and noticeable torque release signal
- Setting the torque securely by turning the handle
- Secure locking function within the handle
- Long service-life and high holding times
- Highest precision and reliability even under tough long-term use
- With lock connector for 9x12 and/or 14x18 plug-in tools
- Individual serial number for clear product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 - traceable to national standards



	Measuring range Nm	Division Nm	lbf·in	lbf·ft	Division lbf·in	Division lbf·ft	L mm	L mm	S mm	kg
516.5063	9x12	1-6	0.05	11.1-50.9		0.4	197.0	183	17.5	0.26
516.5061	9x12	3-15	0.10	31-128		0.4	197.0	183	17.5	0.26
516.5062	9x12	5-25	0.20	53-212		0.4	227.0	213	17.5	0.30
516.5064	9x12	10-60	0.50	9.2-42.4	0.4	0.4	340.0	373	17.5	1.29
516.5065	9x12	20-100	0.50	16.6-71.9	0.4	0.4	403.0	373	17.5	1.29
516.5066	14x18	10-60	0.50	9.2-42.4	0.4	0.4	362.0	402.5	25.0	1.29
516.5067	14x18	20-100	0.50	16.6-71.9	0.4	0.4	425.0	402.5	25.0	1.29
516.5068	14x18	40-200	1.00	33-144	0.7	0.7	503.0	474	25.0	1.46
516.5069	14x18	60-340	2.00	52-243	1.5	1.5	583.0	554	25.0	1.60

TORQUE WRENCH WITH QUICK-SET FEATURE

Torque wrench made from chromed rectangular steel tube construction for clockwise fastening and anticlockwise latch with quick scale setting - resetting the scale with idle condition is not necessary

1. Loosen knurled-head screw
2. Slide the scale
3. Fasten the knurled-head screw

Adjustment:
Fast adjustment is possible using the integrated opening (hex screw) without dismantling the wrench

Quick setting:
Simple, effortless, quick setting of the torque by sliding the scale using the knurled-head screw

Idle condition:
Resetting to the minimum value (0) is not necessary

Dual scale with magnifying glass:
Dual scale with magnifying glass in N·m and lbf·ft divisions for precise adjustment and clear selection

Accuracy of $\pm 3\%$ of the scale reading

Ratchet head:
A highly robust 72 teeth ratchet mechanism is integrated in the ratchet head

Serial number:
A permanent and unique serial number is applied on all torque wrenches, which provides unique product identification.

Long-term accuracy:
Long-term accuracy and long life by means of a wear-free release system

Corrosion:
Durable protection against corrosion using robust steel with a matt finish chrome-plated surface

Handle:
Ergonomic handle designed for comfortable use

Tested and Certified to DIN EN ISO 6789 Certificate Precision $\pm 3\%$

Torque wrench with quick set feature, reversible

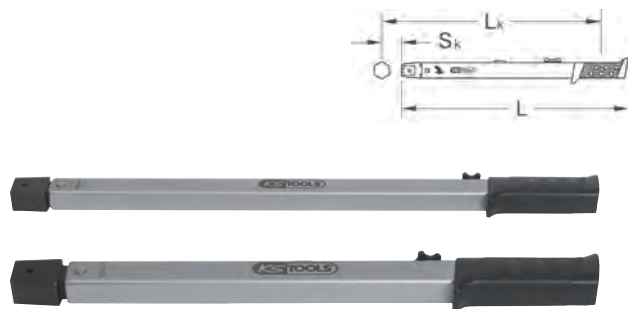
- Actuation accuracy: $\pm 3\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 10.000 tightening cycles
- With idle condition, resetting to the minimum value (0) is not necessary
- For controlled fastening in a clockwise direction
- Can tighten without any torque restraint thanks to the anticlockwise latch
- Double scale in N·m and lbf·ft divisions for precise adjustment
- Large vision panel, precise adjustment using a magnifying glass
- An audible and palpable signal when the desired torque value is achieved
- With exact gearing 72 teeth ratchet mechanism
- Torque setting is simple and quick by sliding the scale using the knurled-head screw
- Secure locking function using the integrated hex screw
- Ergonomic handle designed for comfortable use
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789 national standard

Torque wrench with quick set feature and rectangular tool holder

- Actuation accuracy: $\pm 3\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 10.000 tightening cycles
- With idle condition, resetting to the minimum value (0) is not necessary
- For controlled fastening in clockwise and counter clockwise directions
- Easy to adjust from clockwise to counter clockwise by turning the torque wrench 180°
- Double scale in N·m and lbf·ft divisions for precise adjustment
- Large vision panel, precise adjustment using a magnifying glass
- An audible and palpable signal when the desired torque value is achieved
- Torque setting is simple and quick by sliding the scale using the knurled-head screw
- Secure locking function using the integrated hex screw
- Ergonomic handle designed for comfortable use
- Snap lock tool holder available for replaceable 9x12 or 14x18 end tools
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789 national standard



		N·m	lbf·ft	L mm	D mm	H mm	
516.4522	1/2"	10-60	7,5 - 44	380,0	38,0	24,0	1,00
516.4532	1/2"	20-100	15 - 70	450,0	38,0	24,0	1,20
516.4542	1/2"	40-200	30 - 150	450,0	38,0	24,0	1,20
516.4572	1/2"	60-350	45 - 260	590,0	38,0	24,0	1,45
516.4590	3/4"	160-800	120 - 590	1140,0	70,0	37,0	6,70
516.4595	3/4"	200-1000	150 - 750	1340,0	70,0	37,0	7,40



		N·m	lbf·ft	L mm	L mm	S mm	
516.4622	9x12	10-60	7,5 - 44	380,0	345,0	17,5	1,00
516.4632	9x12	20-100	15 - 70	445,0	410,0	17,5	1,10
516.4642	14x18	40-200	30 - 150	450,0	425,0	25,0	1,10
516.4672	14x18	60-350	45 - 260	580,0	560,0	25,0	1,40

TORQUE WRENCH WITH CLOSE-GAP RELEASE

As a result of the close-gap release, the chance of over-tightening is reduced and, in addition, this mechanism enhances the accuracy when fastening the screw.

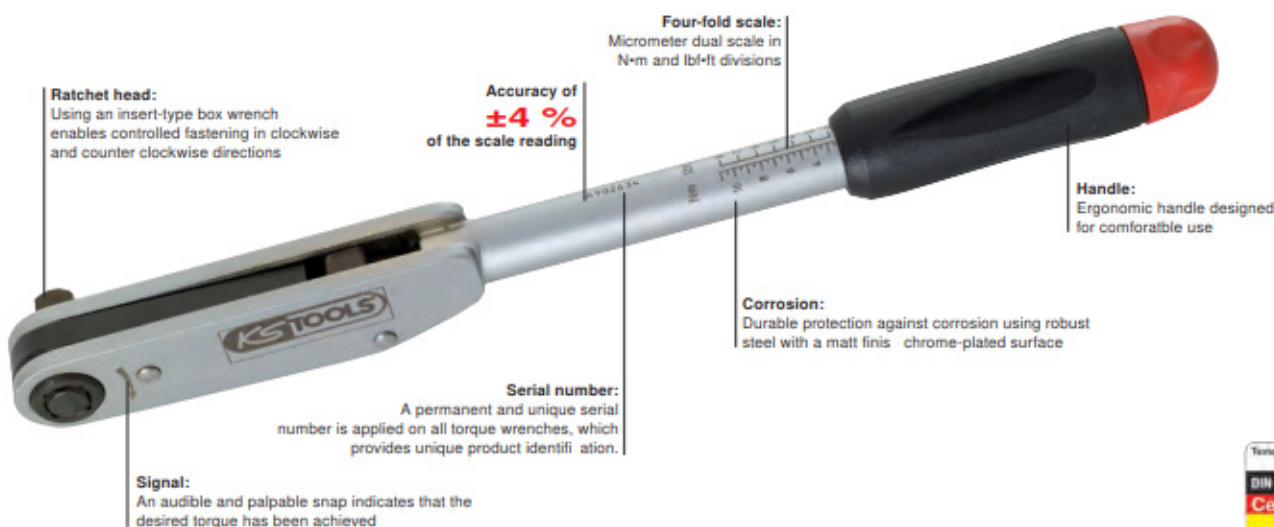
A palpable and acoustic snap indicates that the desired torque value has been achieved - in addition the mechanism resets automatically to the initial position.



Adjustment:
Easy and accurate torque adjustment by means of special winding knob in the handle.



CLOCKWISE FASTENING COUNTER CLOCKWISE FASTENING



Torque wrench with close gap release

- Actuation accuracy: $\pm 4\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in clockwise and counter clockwise directions
- The direction of rotation (clockwise and counter clockwise) can be changed by simply rotating the square drive piece
- Four fold scale in N·m, Kg·fm, lb·in und lb·ft divisions for precise adjustment
- An audible and palpable signal when the desired torque value is achieved
- Torque setting is easy by pulling out, adjusting and pushing in the winder in the handle
- Automatic reset in the initial position
- Ergonomic handle designed for comfortable use
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Individually marked with serial number unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard



1/4" 3/8" 1/2" 3/4" 1"

	■	N·m	lb·ft	Drive size	Square drive	L mm	
516.3510	3/8"	2.5-11	2 - 8	0.50	0.5	300.0	0.56
516.3515	3/8"	5-33	4 - 24	1.00	1.0	405.0	0.69
516.3520	3/8"	12-68	10 - 50	2.00	2.0	480.0	1.00
516.3525	1/2"	12-68	10 - 50	2.00	2.0	480.0	1.00
516.3530	1/2"	25-150	20 - 110	5.00	2.0	575.0	1.70
516.3535	1/2"	50-250	40 - 180	10.00	5.0	605.0	2.30
516.3540	1/2"	70-350	50 - 260	10.00	10.0	815.0	3.00
516.3545	3/4"	140-800	120 - 580	20.00	20.0	935.0	6.50
516.3550	1"	200-1000	150 - 750	25.00	25.0	1030.0	9.70
516.3555	1"	500-2000	350 - 1500	50.00	50.0	1400.0	18.00

PRECISION TORQUE TESTING INSTRUMENT WITH DIAL INDICATOR

Accuracy of $\pm 4\%$ of the scale reading

Signal:
The wrenches 516.3655 and 516.3660 have optical and acoustic signals when the desired torque is reached, which enable the use of the wrench even in loud and dark places having poor visibility

Adjustment:
Fast adjustment is possible using the integrated opening without dismantling the wrench

Handle:
Ergonomic handle designed for comfortable use

Corrosion:
Durable protection against corrosion using robust steel with a chrome-plated surface

Serial number:
A permanent and unique serial number is applied on all torque wrenches, which provides unique product identification.

Dual scale with magnifying glass:
Dual scale with magnifying glass in N·m and lb·ft divisions for precise adjustment and clear selection. The dial gauge has one drag indicator and one main pointer. It is easy to read off the scale due to the clear design.

Ratchet head:
Fixed box wrench for controlled fastening in clockwise and counter clockwise directions.

ERROR-FREE OPERATION:
Using the torsion bar principle, and in contrast to conventional torque wrenches, it is possible to grip the torque wrench in any position, either using both hands or with an extension bar. Any shift in the value is ruled out thanks to the direct measurement at the wrench head.

Tested and Certified to DIN EN ISO 6789 Certificate Precision $\pm 4\%$

Dial Torque wrench with a drag indicator

- Display accuracy: $\pm 4\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in a clockwise and counter clockwise direction
- Display type torque wrench with dial indicator and drag indicator
- Double scale in N·m and lb·ft divisions for precise adjustment
- Large vision panel for precise adjustment
- Ergonomic designed handle provides secure transmission of the torque
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789 national standard



1/4" 3/8" 1/2" 3/4" 1"

		N·m	In·lb	lb·ft	Division N·m	Division In·lb	Division lb·ft	L mm	Signal	Weight
516.3610	1/4"	0,7-3,5	6-30		0,10	1,0		270,0	-	0,73
516.3615	1/4"	1,8-9	15-75		0,20	1,0		270,0	-	0,73
516.3620	3/8"	3,6-18	30-150		0,50	2,0		270,0	-	0,73
516.3625	3/8"	6-30	50-250		0,50	5,0		270,0	-	0,73
516.3630	3/8"	14-70		10-50	2,00		1,0	270,0	-	0,73
516.3635	1/2"	50-250		34-170	5,00		5,0	560,0	-	1,40
516.3640	1/2"	70-350		50-250	10,00		5,0	560,0	-	1,40
516.3645	3/4"	96-480		70-350	10,00		10,0	675,0	-	3,20
516.3650	3/4"	160-800		120-600	25,00		10,0	1180,0	-	4,50
516.3655	1"	280-1400		200-1000	25,00		20,0	1970,0	+	9,00
516.3660	1"	560-2800		400-2000	50,00		40,0	3200,0	+	21,00

ACCESSORIES - PLUG-IN TOOLS

We have a diverse range of plug-in tools within our range:

- Open
- Ring
- Ratchet
- Torx®
- Push-fit square mount
- Bit holder

In case our range does not have what you need, we would be pleased to manufacture push-fit tools based on your specifications.



INFO:

In case our range does not have what you need, we would be pleased to manufacture push-fit tools based on your specifications.



CAUTION:
The maximum torque loads of the push-fit tools are in line with DIN 899 and can be less than the maximum torque of the tool used.

CALCULATION OF CORRECTED DISPLAY AND SET VALUES

Push-fit | w wrench
• With a locking pin
• Chrome-plated

Code	□	N·m	lbf·ft	Division lines	L mm	L mm	S mm	⊕
516.1612	9 x 12	1 - 25	0,8 - 18	0.1	280.0	245.0	17.5	300
516.1622	9 x 12	5 - 50	4 - 37	0.3	335.0	295.0	17.5	450
516.1632	9 x 12	10 - 100	8 - 75	0.5	375.0	335.0	17.5	600
516.1633	14 x 18	10 - 100	8 - 75	0.5	375.0	335.0	17.5	600
516.1642	9 x 12	20 - 200	15 - 150	1.0	465.0	425.0	17.5	850
516.1652	14 x 18	20 - 200	15 - 150	1.0	470.0	435.0	25.0	900
516.1672	14 x 18	60 - 320	45 - 236	1.0	565.0	530.0	25.0	1200
516.1682	14 x 18	80 - 420	60 - 310	1.0	650.0	435.0	25.0	1600

Code	□	⊕	S mm	B mm	H mm	⊕
516.2213	14 x 18	13	25.0	30.0	7.0	120
516.2214	14 x 18	14	25.0	35.0	8.0	120
516.2215	14 x 18	15	25.0	38.0	9.0	130
516.2216	14 x 18	16	25.0	38.0	9.0	130
516.2217	14 x 18	17	25.0	42.0	10.0	130
516.2218	14 x 18	18	25.0	42.0	10.0	130
516.2219	14 x 18	19	25.0	50.0	11.0	150
516.2220	14 x 18	20	25.0	50.0	11.0	150
516.2221	14 x 18	21	25.0	50.0	11.0	150
516.2222	14 x 18	22	27.5	60.0	13.0	185
516.2223	14 x 18	23	27.5	60.0	13.0	185
516.2224	14 x 18	24	30.0	60.0	13.0	210
516.2225	14 x 18	25	30.0	60.0	13.0	210
516.2226	14 x 18	26	30.0	66.0	14.0	220
516.2227	14 x 18	27	30.0	66.0	14.0	239
516.2228	14 x 18	28	30.0	66.0	14.0	239
516.2229	14 x 18	29	30.0	66.0	14.0	246
516.2230	14 x 18	30	30.0	66.0	14.0	265
516.2231	14 x 18	31	32.5	66.0	14.0	265
516.2232	14 x 18	32	32.5	66.0	14.0	275
516.2233	14 x 18	33	32.5	74.0	15.0	275
516.2234	14 x 18	34	32.5	74.0	15.0	275
516.2235	14 x 18	35	32.5	82.0	15.0	307
516.2236	14 x 18	36	32.5	82.0	15.0	307
516.2237	14 x 18	37	32.5	82.0	15.0	307
516.2238	14 x 18	38	32.5	82.0	15.0	307
516.2241	14 x 18	41	32.5	82.0	15.0	307

Example: 516.2232 + 516.1672

Desired torque = 230 N·m

$$X_s = \frac{P_s + L_s}{L_s - S_s + S_s} = \frac{230 \text{ N·m} + 530 \text{ mm}}{530 \text{ mm} - 25 \text{ mm} + 32.5 \text{ mm}} = \frac{121900}{537.5} = 226,8 \text{ N·m}$$

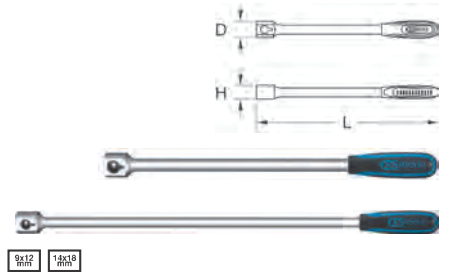
Corrected set value: **226,8 N·m**

PUSH FIT TOOLS

CAUTION:
The maximum torque loads of the push-fit tools are in line with DIN 899 and can be less than the maximum torque of the tool used.

ERGOTORQUE® plus universal wrench without torque function - with rectangular tool holder

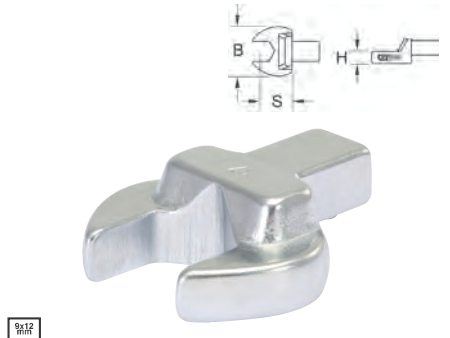
- Ideal for loosening jammed screw connections
- Can untighten without any torque restraint
- Made of solid material
- Two-component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Snap lock tool holder available for replaceable 9x12 or 14x18 end tools



	□	L mm	D mm	H mm	g
516.4890	9x12	405.0	26.0	20.0	872
516.4895	14x18	635.0	28.0	26.0	1350

Push fit flared wrench

- With a locking pin
- Chrome plated



	□	mm	S mm	B mm	H mm	g
516.2107	9x12	7	17.5	22.0	5.0	35
516.2108	9x12	8	17.5	22.0	5.0	35
516.2109	9x12	9	17.5	26.0	5.5	35
516.2110	9x12	10	17.5	26.0	5.5	35
516.2111	9x12	11	17.5	26.0	5.5	35
516.2112	9x12	12	17.5	30.0	7.0	35
516.2113	9x12	13	17.5	30.0	7.0	35
516.2114	9x12	14	17.5	35.0	8.0	40
516.2115	9x12	15	17.5	35.0	8.0	40
516.2116	9x12	16	20.0*	38.0	8.5	45
516.2117	9x12	17	20.0*	38.0	8.5	50
516.2118	9x12	18	20.0*	42.0	9.0	60
516.2119	9x12	19	20.0*	42.0	9.0	60



Push fit ing spanner (box wrench)

- With a locking pin
- Chrome plated



	□	mm	S mm	B mm	H mm	g
516.2307	9x12	7	17.5	13.0	8.0	30
516.2308	9x12	8	17.5	14.2	8.0	30
516.2310	9x12	10	17.5	17.2	9.0	30
516.2311	9x12	11	17.5	18.5	9.0	30
516.2312	9x12	12	17.5	20.0	12.0	35
516.2313	9x12	13	17.5	21.5	12.0	35
516.2314	9x12	14	17.5	23.0	12.0	40
516.2315	9x12	15	17.5	24.2	12.0	40
516.2316	9x12	16	17.5	25.7	13.0	40
516.2317	9x12	17	17.5	27.2	13.0	40
516.2318	9x12	18	17.5	28.5	13.0	40
516.2319	9x12	19	17.5	30.3	13.0	40
516.2321	9x12	21	17.5	33.0	15.0	50
516.2322	9x12	22	17.5	34.5	15.0	50



Open push fit ing spanner (box wrench)

- With a locking pin
- Chrome plated



	□	mm	S mm	B mm	g
516.2510	9x12	10	17.5	21.0	40
516.2511	9x12	11	17.5	22.5	40
516.2512	9x12	12	17.5	23.7	40
516.2513	9x12	13	17.5	25.2	40
516.2514	9x12	14	17.5	27.0	50
516.2517	9x12	17	17.5	31.5	65
516.2518	9x12	18	17.5	33.0	65
516.2519	9x12	19	17.5	34.5	65
516.2522	9x12	22	20.0*	39.0	65

TX-E push fit ing spanner (box wrench)

- With a locking pin
- Chrome plated



	□	mm	S mm	B mm	H mm	g
516.3006	9x12	E 6	17.5	13.0	8.0	40
516.3008	9x12	E 8	17.5	14.2	8.0	45
516.3010	9x12	E 10	17.5	17.2	9.0	50
516.3012	9x12	E 12	17.5	18.5	9.0	50
516.3014	9x12	E 14	17.5	21.5	10.0	60

Push fit fine toothed reversible ratchet head

- With a locking pin
- Fine toothed
- With release feature
- Chrome plated



	□	mm	S mm	B mm	H mm	g
516.2614	9x12	1/4"	17.5	27.0	25.0	75
516.2638	9x12	3/8"	17.5	35.0	35.0	152
516.2612	9x12	1/2"	17.5	43.0	40.0	228

Push fit square mount

- With a locking pin
- Chrome plated

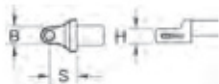


	□	mm	S mm	B mm	H mm	g
516.2814	9x12	1/4"	17.5	20.0	14.0	70
516.2838	9x12	3/8"	17.5	20.0	14.0	76
516.2812	9x12	1/2"	17.5	20.0	14.0	80

* Please note the changed values on the torque wrench!

Push fit bit holde

- With a locking pin
- Chrome plated



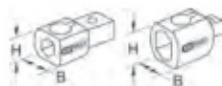
1/8"

3/16" 1/4"

	□	○	S mm	B mm	H mm	⚖
516.2005	9x12	1/4"	17,5	14,0	10,0	47
516.2010	9x12	5/16"	17,5	16,0	12,5	47

Push fit j w wrench

- Snap lock tool holder available for replaceable 9x12 or 14x18 end tools
- With a locking pin
- Chrome plated

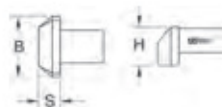


1/8" 1/4"

	□	■	S mm	B mm	H mm	⚖
516.2040	9x12	14 x 18	30,5"	31,0	26,0	120
516.2050	14x18	9 x 12	27,0"	28,0	21,0	120

Push fit eld on head

- With a locking pin
- Burnished

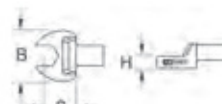


1/8" 1/4"

	□	Valid dimension mm	S mm	B mm	H mm	⚖
516.2060	9x12	8 x 14	14,5"	14,0	14,5	47
516.2070	14x18	11 x 25	12,0"	25,0	21,5	100

Push fit fl ed wrench

- With a locking pin
- Chrome plated



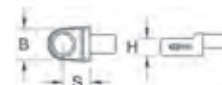
1/8"

	□	⊙	S mm	B mm	H mm	⚖
516.2213	14x18	13	25,0	30,0	7,0	120
516.2214	14x18	14	25,0	35,0	8,0	120
516.2215	14x18	15	25,0	35,0	8,0	120
516.2216	14x18	16	25,0	38,0	9,0	125
516.2217	14x18	17	25,0	38,0	9,0	130
516.2218	14x18	18	25,0	42,0	10,0	130
516.2219	14x18	19	25,0	42,0	10,0	130
516.2221	14x18	21	25,0	50,0	11,0	155
516.2222	14x18	22	25,0	50,0	11,0	160
516.2224	14x18	24	27,5"	53,0	12,0	170
516.2226	14x18	26	30,0"	60,0	13,0	180
516.2227	14x18	27	30,0"	60,0	13,0	185
516.2229	14x18	29	30,0"	66,0	14,0	210
516.2230	14x18	30	30,0"	66,0	14,0	220
516.2232	14x18	32	32,5"	66,0	14,0	239
516.2234	14x18	34	32,5"	66,0	14,0	246
516.2236	14x18	36	32,5"	74,0	15,0	265
516.2238	14x18	38	32,5"	74,0	15,0	275
516.2241	14x18	41	32,5"	82,0	15,0	307



Push fit ing spanner (box wrench)

- With a locking pin
- Chrome plated

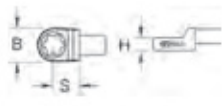


1/8"

	□	⊙	S mm	B mm	H mm	⚖
516.2413	14x18	13	25,0	21,5	11,0	120
516.2414	14x18	14	25,0	23,0	11,0	120
516.2415	14x18	15	25,0	24,2	11,0	115
516.2416	14x18	16	25,0	25,7	12,0	125
516.2417	14x18	17	25,0	27,2	12,0	125
516.2418	14x18	18	25,0	28,5	12,0	125
516.2419	14x18	19	25,0	30,5	12,0	125
516.2421	14x18	21	25,0	33,0	15,0	140
516.2422	14x18	22	25,0	34,5	15,0	140
516.2424	14x18	24	25,0	37,5	15,0	140
516.2427	14x18	27	25,0	41,5	17,0	150
516.2430	14x18	30	25,0	45,0	19,0	160
516.2432	14x18	32	25,0	47,5	19,0	165
516.2434	14x18	34	28,0"	50,5	19,0	195
516.2436	14x18	36	28,0"	53,0	19,0	195
516.2441	14x18	41	30,0"	59,0	20,0	225

TX-E Push fit ing spanner (box wrench)

- With a locking pin
- Chrome plated

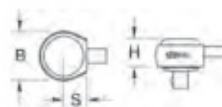


1/8"

	□	⊙	S mm	B mm	H mm	⚖
516.3114	14x18	E 14	25,0	22,5	11,0	130
516.3118	14x18	E 18	25,0	24,0	11,0	135
516.3120	14x18	E 20	25,0	29,0	13,0	150
516.3124	14x18	E 24	25,0	30,5	13,0	150

Push fit fine toothed reversible ratchet head

- With a locking pin
- Fine toothed
- With release feature
- Chrome plated



1/8"

1/2" 3/4"

	□	■	S mm	B mm	H mm	⚖
516.2712	14x18	1/2"	25,0	43,0	43,0	260
516.2734	14x18	3/4"	25,0	70,0	60,0	795

Push fit squ e mount

- With a locking pin
- Chrome plated



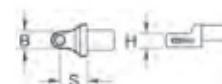
1/8"

1/2" 3/4"

	□	■	S mm	B mm	H mm	⚖
516.2912	14x18	1/2"	25,0	27,0	18,0	210
516.2934	14x18	3/4"	25,0	40,0	25,0	400

Push fit bit holde

- With a locking pin
- Chrome plated



1/8" 1/4"

3/16"

	□	○	S mm	B mm	H mm	⚖
516.2020	14x18	5/16"	25,0	16,0	12,5	115

* Please note the changed values on the torque wrench!

PUSH FIT TOOLKIT

Air conditioning toolkit 10-100 N·m

- Set contents ideal for air conditioning and refrigeration engineers
- With snap lock rectangular tool holder for 14x18 range of end tools
- Supplied in a metal carrying case with the tools clearly organised



14x18 mm 1/2"

		kg	
516.1225	8 pcs	Air conditioning toolkit 10-100 N·m	3.40
1 x		10 - 100 N·m	
6 x		17 - 22 - 24 - 26 - 27 - 29 mm	
1 x		1/2"	

Torque tool set with plug in tools

- Set contents for universal applications
- With snap lock rectangular tool holder for 9x12 range of end tool
- Supplied in a metal carrying case with the tools clearly organised



9x12 mm 3/8"

		kg	
516.1720	29 pcs	Torque tool set with plug in tools	2.20
1 x		5 - 50 N·m	
11 x		7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 mm	
10 x		7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 mm	
6 x		10 - 11 - 12 - 13 - 14 - 17 mm	
1 x		3/8"	

Torque tool set with plug in tools

- Set contents for universal applications
- With snap lock rectangular tool holder for 14x18 range of end tools
- Supplied in a metal carrying case with the tools clearly organised



14x18 mm 1/2"

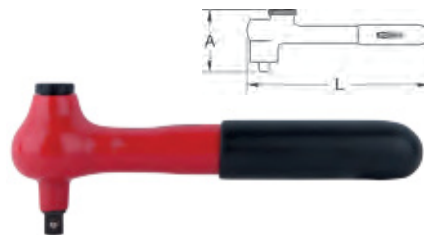
		kg	
516.1730	31 pcs	Torque tool set with plug in tools	5.80
1 x		20 - 200 N·m	
13 x		13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm	
16 x		13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 - 34 - 36 - 41 mm	
1 x		1/2"	



VDE TORQUE WRENCH

Insulated pre set torque wrench

- Actuation accuracy: $\pm 3\%$ tolerance from the set value
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in a clockwise direction
- Can untighten without any torque restraint thanks to the anticlockwise latch
- An audible and palpable signal when the desired torque value is achieved
- Without scale - With a fixed adjustable value
- Tool holder female hexagon 6 point to DIN 3126 - E6,3
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789 national standard

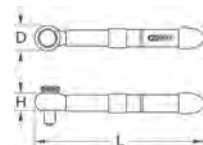


3/8" 1/2"

		N·m	A mm	L mm	⚡	kg
117.3922	3/8"	5-35	78.0	210.0	1000V	420
117.1001	1/2"	5-35	78.0	250.0	1000V	420

Insulated mini torque wrench with reversible ratchet head

- Insulated handle to IEC 60900
- For working environment of voltages AC 1000 V and DC 1500 V
- Actuation accuracy: $\pm 3\%$ tolerance of the set scale value and better
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in a clockwise direction
- Can untighten without any torque restraint thanks to the anticlockwise latch
- An audible and palpable signal when the desired torque value is achieved
- With exact gearing 30 teeth ratchet mechanism
- Ergonomic designed handle provides secure transmission of the torque
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard



1/4" 3/8" 1/2"

		N·m	D mm	H mm	L mm	⚡	kg
117.1400	1/4"	2-12	40.0	41.0	200.0	1000V	400
117.1402	1/4"	5-25	40.0	41.0	200.0	1000V	420
117.1184	3/8"	5-25	40.0	42.0	200.0	1000V	440
117.1185	1/2"	5-25	40.0	42.0	200.0	1000V	440

Insulated torque wrench with reversible ratchet head

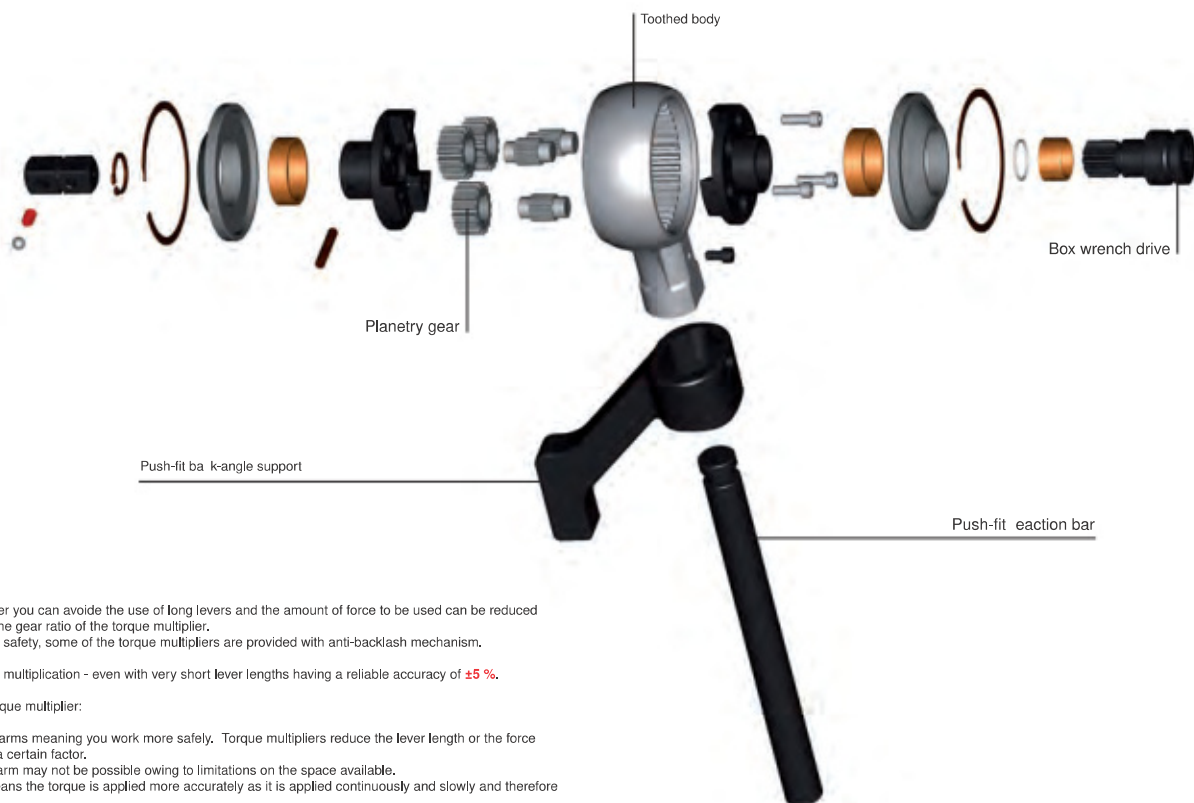
- Insulated handle to IEC 60900
- For working environment of voltages AC 1000 V and DC 1500 V
- Actuation accuracy: $\pm 3\%$ tolerance of the set scale value and better
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in a clockwise direction
- Can untighten without any torque restraint thanks to the anticlockwise latch
- Scale in N·m divisions for precise adjustment
- Large vision panel for precise adjustment
- An audible and palpable signal when the desired torque value is achieved
- With exact gearing 30 teeth ratchet mechanism
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard



3/8" 1/2"

		N·m	H mm	L mm	⚡	kg
117.3805	3/8"	2-27	51.0	280.0	1000V	0.92
117.3810	3/8"	5-50	51.0	370.0	1000V	1.07
117.1301	1/2"	2-27	61.0	280.0	1000V	0.93
117.1300	1/2"	5-50	61.0	370.0	1000V	1.10
117.1302	1/2"	20-100	61.0	460.0	1000V	1.20
117.1303	1/2"	40-220	61.0	530.0	1000V	1.30

TORQUE CONVERTOR



By using a torque multiplier you can avoid the use of long levers and the amount of force to be used can be reduced by a factor equivalent to the gear ratio of the torque multiplier.
For the sake of enhanced safety, some of the torque multipliers are provided with anti-backlash mechanism.

Ideal for controlled torque multiplication - even with very short lever lengths having a reliable accuracy of $\pm 5\%$.

Advantages of using a torque multiplier:

- Avoidance of long lever arms meaning you work more safely. Torque multipliers reduce the lever length or the force required by the user by a certain factor.
- The use of a long lever arm may not be possible owing to limitations on the space available.
- The torque multiplier means the torque is applied more accurately as it is applied continuously and slowly and therefore more accurately.

Torque multiplier set

- Robust loosening
- Designed for use with the crank handle supplied
- With integrated, adjustable support device
- Square drive adaptor to DIN 3120 / ISO 1174
- 1:64 Torque ratio
- 3.800 N·m maximum output torque
- Includes sockets and extension
- Indispensable as essential equipment on service vehicles
- Not suited for use in industry
- Not suited for use with impact wrenches
- In durable plastic storage case



516.1180	7 pcs Torque multiplier set	8.00

consists of:

516.1181	Torque multiplier, 1:64	5.98
516.1182	1" socket, hexagonal, SW27	0.55
516.1184	1" socket, hexagonal, SW30	0.59
516.1185	1" socket, hexagonal, SW32	0.65
516.1186	1" socket, hexagonal, SW33	0.65
516.1187	Extensions	0.30
516.1188	Adaptor nut	0.35

Torque multiplier set

- Robust loosening
- Designed for use with the crank handle supplied
- With integrated support device
- Square drive adaptor to DIN 3120 / ISO 1174
- 1:64 Torque ratio
- 4.000 N·m maximum output torque
- Including crank handle and one extension
- Indispensable as essential equipment on service vehicles
- Ideal for trucks, construction machines and agricultural machines
- Not suited for use with impact wrenches
- In durable plastic storage case



516.1151	3 pcs Torque multiplier set	8.54

consists of:

516.1152	Crank handle for impact torque converter	0.50
516.1153	Extension for impact torque converter, 210 mm	0.30

Universal torque convertor

- Accuracy: $\pm 5\%$ Tolerance
- For controlled fastening in clockwise and counter clockwise directions
- Device for angle regulated fastening with a torque wrench
- Single stage precision planetary gear for both directions
- Two support devices
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Not suited for use with impact wrenches
- Supplied in a metal storage case

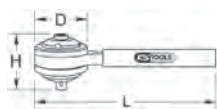


				Nm	Nm	mm	mm	mm	
516.3700	1/2"	5:1	3/4"	260	1300	110.0	395.0	127.0	4.20
516.3705	3/4"	5:1	1"	540	2700	110.0	395.0	127.0	4.40



Torque convertor, 1680 N·m

- High accuracy: $\pm 5\%$ Tolerance
- For controlled fastening in clockwise and counter clockwise directions
- Device for angle-regulated fastening with a torque wrench
- With anti-backlash mechanism
- Encapsulated precision planetary gearing
- With straight strut
- Housing with angle scale ring
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Not suited for use with impact wrenches
- In durable plastic case incl. spare anti/backlash mechanism



1/2" 3/4"

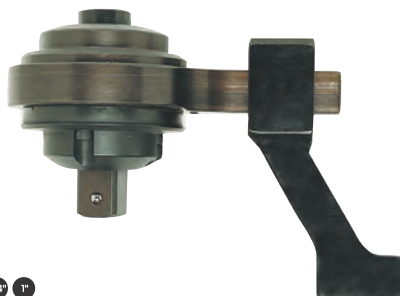
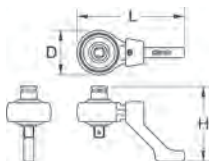
	□	○	■	Nm	Nm	D mm	L mm	H mm	kg
516.3740	1/2"	6:1	3/4"	280	1680	100.0	128.0	106.0	4.90

accessories:

		kg
516.3742	Spare square for 516.3740	0.10
516.3743	Straight strut for 516.3740	1.00
516.3744	Extension for straight strut for 516.3740	1.17

Torque convertor, 2700 N·m

- High accuracy: $\pm 5\%$ Tolerance
- For controlled fastening in clockwise and counter clockwise directions
- Device for angle-regulated fastening with a torque wrench
- With anti-backlash mechanism
- Encapsulated precision planetary gearing
- With adjustable angular strut
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Not suited for use with impact wrenches
- In durable plastic case incl. spare anti/backlash mechanism



3/4" 1"

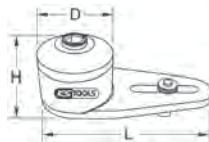
	□	○	■	Nm	Nm	D mm	L mm	H mm	kg
516.3745	3/4"	5.4:1	1"	500	2700	115.0	201.0	126.0	6.34

accessories:

		kg
516.3747	Spare square for 516.3745	0.24
516.3748	Angular strut for 516.3745	1.42

Torque convertor, 3500 N·m

- High accuracy: $\pm 5\%$ Tolerance
- For controlled fastening in clockwise and counter clockwise directions
- Device for angle-regulated fastening with a torque wrench
- With anti-backlash mechanism
- Encapsulated precision planetary gearing
- Moving strut with 1" socket mounting
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Not suited for use with impact wrenches
- In durable plastic case incl. spare anti/backlash mechanism



3/4" 1"

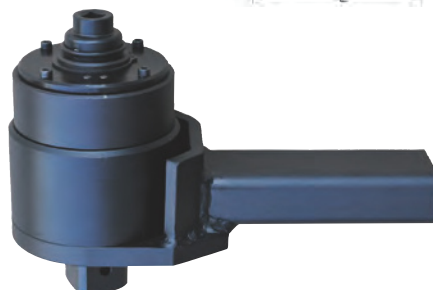
	□	○	■	Nm	Nm	D mm	L mm	H mm	kg
516.3750	3/4"	4.5:1	1"	770	3500	108.0	264.0	130.0	7.30

accessories:

		kg
516.3752	Spare square for 516.3750	280

Torque convertor, 4500 N·m

- High accuracy: $\pm 5\%$ Tolerance
- For controlled fastening in clockwise and counter clockwise directions
- Device for angle-regulated fastening with a torque wrench
- With anti-backlash mechanism
- Encapsulated precision planetary gearing
- With straight strut
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Not suited for use with impact wrenches
- In durable plastic case incl. spare anti/backlash mechanism



1/2" 1 1/2"

	□	○	■	Nm	Nm	D mm	L mm	H mm	kg
516.3755	1/2"	20:1	1.1/2"	225	4500	120.0	312.0	204.8	8.30



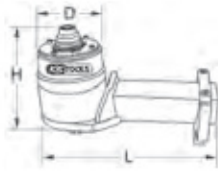
Confidence is good - torque control is better!



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Torque convertor, 6000 N·m

- High accuracy: $\pm 5\%$ Tolerance
- For controlled fastening in clockwise and counter clockwise directions
- Device for angle-regulated fastening with a torque wrench
- With anti-backlash mechanism
- Encapsulated precision planetary gearing with backstop
- With adjustable strut
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Not suited for use with impact wrenches
- In durable plastic case incl. spare anti/backlash mechanism



1/2" 100

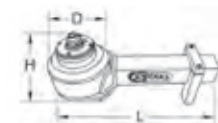
	□	○	■	—	—	D	L	H	⚖
				Nm	Nm	mm	mm	mm	
516.3760	1/2"	26:1	1.1/2"	230	6000	130.0	328.0	216.3	15.70

accessories:

		⚖
516.3762	Replacement shear pin for 516.3760	0.01

Torque convertor, 9500 N·m

- High accuracy: $\pm 5\%$ Tolerance
- For controlled fastening in clockwise and counter clockwise directions
- Device for angle-regulated fastening with a torque wrench
- With anti-backlash mechanism
- Encapsulated precision planetary gearing with backstop
- With adjustable strut
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Not suited for use with impact wrenches
- In durable plastic case incl. spare anti/backlash mechanism



1/2" 100

	□	○	■	—	—	D	L	H	⚖
				Nm	Nm	mm	mm	mm	
516.3765	1/2"	26:1	1.1/2"	365	9500	184.0	505.0	214.9	30.30

accessories:

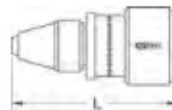
		⚖
516.3767	Replacement shear pin for 516.3765	0.01



TEST EQUIPMENT

Precision torque testing instrument with dial indicator and drag indicator

- Display accuracy: $\pm 6\%$ tolerance of the set scale value
- Precise reading accuracy for a minimum 5.000 tightening cycles
- For controlled fastening in a clockwise and counter clockwise direction
- For testing, measuring, checking and making adjustments
- Display torque testing instrument with drag indicator
- Large vision panel for precise adjustment
- Tool mounting using a three jaw chuck
- Individually marked with serial number - unique product identification
- Includes test certificate in accordance with DIN EN ISO 6789:2003 national standard



	Measuring range Nm	Measuring range lb·ft	Display value	Display size	Tightening chuck Ø mm	L mm	⚖
516.3310	1-9		0.2		1-6.5	83.0	290
516.3315	2-15		0.2		1-6.5	83.0	290
516.3320	4-30		0.5		1-6.5	83.0	290
516.3325	5-60		1		1-6.5	83.0	290
516.3330	10-120		2		1-6.5	83.0	290
516.3335	20-240		5		1-6.5	83.0	290
516.3410		1-15	0.2	1-8.5	102.0	600	
516.3415		2-24	0.2	1-8.5	102.0	600	
516.3420		4-36	0.5	1-8.5	102.0	600	
516.3425		5-60	1.0	1-8.5	102.0	600	
516.3430		10-90	2.0	1-8.5	102.0	600	
516.3435		10-150	2.0	1-8.5	102.0	600	

Electronic workshop tester for torque wrenches

- High display accuracy: $\pm 1\%$ tolerance of the scale values, ± 1 digit
- For checking or adjusting torque wrenches and torque screwdrivers
- For controlled display in a clockwise and counter clockwise direction
- Simple electronic tester with integrated torsion transducer
- Digital scale in N·m divisions for precise adjustment
- Display mode: First Peak (detection of first peak)
- Large LCD display for clear reading of the values
- With automatic reset and automatic shutdown
- Simple and comfortable operating
- Square drive by means of square adaptor
- Individually marked with serial number - unique product identification
- Including test certificate in accordance with DIN EN ISO 6789:2003 national standard
- No main power required - includes 4 x AA 1.5 V LR46 batteries
- Includes reinforcement screw
- In durable plastic storage case



1/4" 3/8" 1/2" 3/4" 1"

	Measuring range Nm	L mm	B mm	H mm	⚖
516.0100	1/4" + 3/8" + 1/2" + 3/4" 5-500	180.0	130.0	147.0	4.82
516.0200	1/4" + 3/8" + 1/2" + 3/4" 500-1000	180.0	130.0	147.0	5.40





KSTOOLS®

Innovation is our mission!

TORQUE TOOLS

ALU TORQUE PRECISION

ULTIMATE PRECISION

ERGOTORQUE^{plus} PRECISION



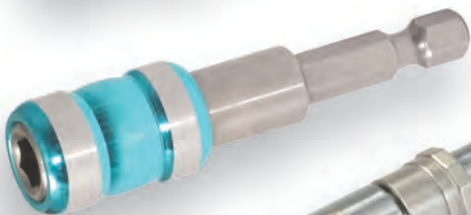
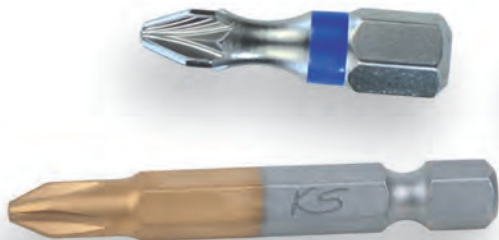
BITS



- PH 25 mm
1 x 1, 2 x 2, 1 x 3
- PZ 1 x 1, 2 x 2, 1 x 3
- SL 1 x 3, 4, 5, 6
- HEX 1 x 3, 4, 5, 6
- TX 1 x 10, 15, 20, 25, 27, 30, 40
- TB 1 x 10, 15, 20, 25, 27, 30, 40

1/4"

4 042146 476208
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Innovation is our mission!

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BITS Composition



- Cold formed
- S2 special steel for optimal hardness and elasticity
- Good torque transmission
- Optimal positive seating in DIN screws
- Grooved for fixing into a holder
- Suited for all screw applications for manual and machine usage
- Precision finished according to DIN/ISO

- With torsion zone
- To cushion high level torque
- Longer service life
- Turned and precision milled
- S2 special steel for optimal hardness and elasticity
- Highest torque transmission
- Optimal positive seating in DIN screws
- With colour coding for quick identification of the suitable profile
- Grooved for fixing into a holder
- Suited for all screw applications for manual and machine usage
- Precision finished according to DIN/ISO

- Good torque transmission
- Especially for constant load during industrial applications
- Cold formed
- S2 special steel for optimal hardness and elasticity
- Optimal positive seating in DIN screws
- Grooved for fixing into a holder
- Suited for all screw applications for manual and machine usage
- Precision finished according to DIN/ISO

Surfaces

Phosphate

- Phosphating = chemical /electro-chemical process
- Dip coating or spraying method
- Intention is the generation of phosphate layer, which is immovable on the base metal
- The surface receives therefore a very good absorption capacity for oil and wax
- Reliable corrosion protection
- To be bound to phosphated tools when oiled

Nickel plated

- The chrome layer is manufactured by electroplating in a electro bath process
- There are several steps that are passed through
- Nickel offers a very good corrosion protection and is resistant against air, water, diluted acids and most treatments of alkaline solution.
- The light gold optics are typical

TiN coated

- A titanium nitride coating is applied to the tough steel core
- There are several steps that are passed through
- For heavy loading in permanent use
- The gold optics are typical

Bit case

- Quick and direct bit adaptor
- Practical pocket sized
- With switchable, fin-toothed ratchet mechanism
- Ideal for work on assembly lines and frameworks
- Spring loaded design

CLOCKWISE FASTENING

COUNTER CLOCKWISE FASTENING

Bit profil

MICRO

- Surface nickel-plated
- Manufactured from S2 special steel
- Cold formed
- Extra short execution
- Precision finished according to DIN/ISO

CLASSIC

- Surface sand-blasted, phosphate or nickel plated
- Manufactured from S2 special steel
- Cold formed
- Precision finished according to DIN/ISO

TORION *power*

- Surface nickel-plated
- Turned and precision milled
- Manufactured from S2 special steel
- Precision finished according to DIN/ISO

TINBits

- Titanium nitride coated
- Turned and precision milled
- Manufactured from S2 special steel
- Precision finished according to DIN/ISO

Bits that are too hard break, those that are too soft wear out.

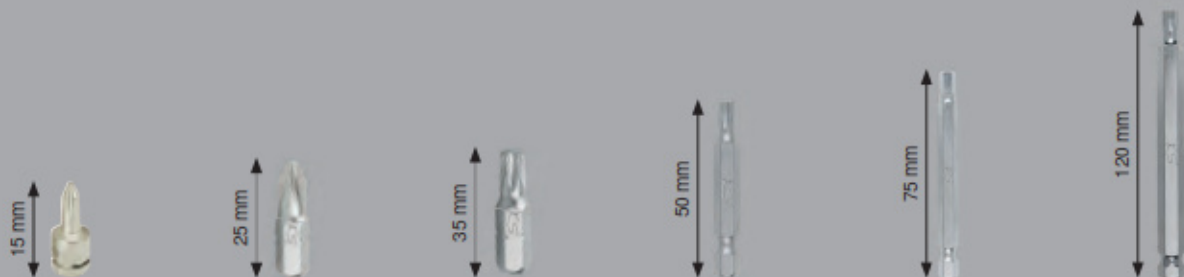
The screw and the bit must be compatible. If this is not the case, even the best bit or screw is ruined.

This basic rule is unfortunately neglected time and again by many tradesmen.

The increase in variety of screw types does not make it easy.

Therefore you can find a comprehensive range of bits and bit holders on the following pages.

For all areas of application:



Drive profil

1/4"

5/16"

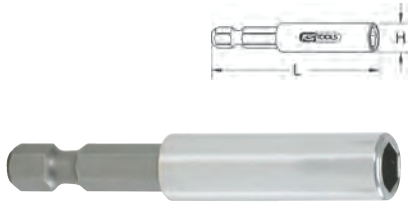
10 mm



BIT HOLDERS

Magnetic bit holder

- DIN 7427
- Magnetic
- For 1/4" Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand, electric screwdriver and drills
- Ideally suited for fi ttings in trade and industry
- Special steel



	●	○	H mm	L mm	g
514.1102	1/4"	1/4"	10,0	50,0	50
514.1103	1/4"	1/4"	10,0	100,0	60

Magnetic bit holder with depth adjustment

- Ideally suited for working in dry lining
- Magnetic
- Depth adjustment
- For 1/4" Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand, electric screwdriver and drills
- Ideally suited for fi ttings in trade and industry
- Special steel



	●	○	H mm	L mm	g
514.1109	1/4"	1/4"	15,0	57-63	20

Magnetic quick release bit holder

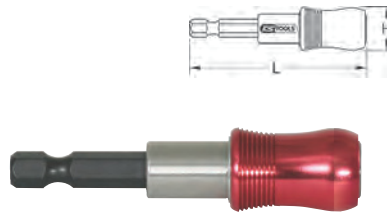
- Magnetic
- Quick change function and locking device
- For 1/4" Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand, electric screwdriver and drills
- Ideally suited for fi ttings in trade and industry
- Special steel



	●	○	H mm	L mm	g
514.1104	1/4"	1/4"	15,0	50,0	50
514.1110	1/4"	1/4"	15,0	150,0	130
514.1111	1/4"	1/4"	15,0	305,0	250

Magnetic quick release bit holder

- Magnetic
- Quick change function and locking device
- For 1/4" Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand, electric screwdriver and drills
- Ideally suited for fi ttings in trade and industry
- Special steel



	●	○	H mm	L mm	g
514.1114	1/4"	1/4"	16,0	65,0	50

STAINLESS STEEL quick release bit holder

- With quick change function and locking device
- For 1/4" Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand, electric screwdriver and drills
- Ideally suited for fi ttings in trade and industry
- Suitable for use at extremely low temperatures
- Extreme resistance to intergranular corrosion and oxidation
- Extremely long service life
- Autoclavable (heating of the tools to over 100°C to kill germs)
- Rust-proof and acid resistant
- Stainless steel



	●	○	H mm	L mm	g
910.1114	1/4"	1/4"	16,0	65,0	50

Auto slimlock magnetic quick release bit holder

- Extremely slim design - ideal for hard to access areas
- Magnetic
- Quick change function and locking device
- For 1/4" Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand, electric screwdriver and drills
- Ideally suited for fi ttings in trade and industry
- Special steel



	●	○	H mm	L mm	g
514.1113	1/4"	1/4"	11,5	68,0	30

ADAPTOR

Square drive adaptor

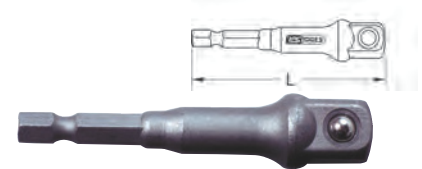
- External hexagon drive
- 1/4" square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Ideally suited for fi ttings in trade and industry
- Chrome plated
- Special steel



	●	■	L mm	g
911.1452	1/4"	1/4"	25,0	10
503.8232	5/16"	1/4"	21,0	8
503.8233	10,0	1/4"	24,5	10

Square drive adaptor

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Square drive adaptor to DIN3120 / ISO 1174 with ball lock
- Ideally suited for fi ttings in trade and industry
- For using in electric drivers and drills
- Sand blasted
- Special steel



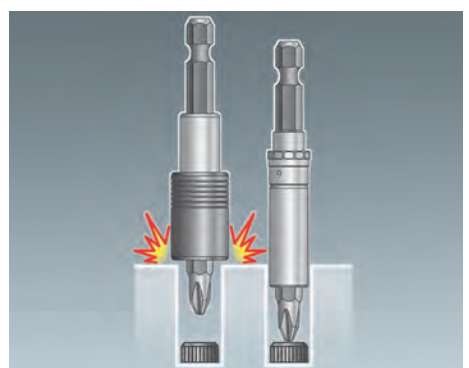
	■	●	L mm	g
514.1106	1/4"	1/4"	65,0	20
514.1107	3/8"	1/4"	65,0	30
514.1108	1/2"	1/4"	70,0	40

Socket drive adaptor set

- External hexagon drive to DIN 3126 / ISO 1173
- Square drive adaptor to DIN3120 / ISO 1174 with ball lock
- Ideally suited for fi ttings in trade and industry
- For using in electric drivers and drills
- Sand blasted
- Special steel



		g
514.1105	3 pcs 1/4" - 3/8" - 1/2"	100



Magnetic SDS bit holder

- SDS adaptor
- Magnetic
- For 1/4" Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Ideally suited for fi ttings in trade and industry
- For using in electric drivers and drills with SDS adaptor
- Special steel



	1/4"	H mm	L mm	g
514.1130	1/4"	11.0	75.0	35



Magnetic SDS quick release bit holder

- SDS adaptor
- Magnetic
- Quick change function and locking device
- For 1/4" Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Ideally suited for fi ttings in trade and industry
- For using in electric drivers and drills with SDS adaptor
- Special steel



	1/4"	H mm	L mm	g
514.1131	1/4"	14.0	78.0	40

SDS socket drive adaptor

- SDS adaptor
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Ideally suited for fi ttings in trade and industry
- For using in electric drivers and drills with SDS adaptor
- Sand blasted
- Special steel



		L mm	g
514.1132	3/8"	60.0	20
514.1133	1/2"	65.0	50



SDS chuck adaptor

- SDS adaptor
- Thread 1/2" x 20 Pitch
- Ideally suited for fi ttings in trade and industry
- For using in electric drivers and drills with SDS adaptor
- Special steel

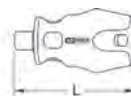


	H mm	L mm	g
514.1134	18.0	65.0	40

SCREWDRIVER BITS

ERGOTORQUE® bit screwdriver

- Extra short execution
- Magnetic
- One component handle
- Optimal power transmission
- 1/4" hexagonal holder for bits
- Hanging hole



	1/4"	L mm	g
911.1190	1/4"	63.0	30

ERGOTORQUE® bit screwdriver

- One component handle
- Optimal power transmission
- Magnetic
- For bits to DIN 3126 / C 6,3
- Hanging hole
- Blade made of chrome vanadium



	1/4"	L1 mm	L2 mm	L3 mm	g
911.1198	1/4"	200.0	100.0	100.0	90
911.1199	1/4"	250.0	150.0	100.0	100

ERGOTORQUE® quick change bit screwdriver

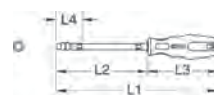
- Locking and fast change device
- One component handle
- Optimal power transmission
- Magnetic
- For bits to DIN 3126 / C 6,3
- Hanging hole
- Blade made of chrome vanadium



	1/4"	L1 mm	L2 mm	L3 mm	g
911.1145	1/4"	200.0	100.0	100.0	100

ERGOTORQUE® bit screwdriver

- Flexible
- Limited torque
- Double spiral shaft
- One component handle
- Plastic protective coating
- 1/4" hexagonal holder for bits
- Hanging hole



	1/4"	L1 mm	L2 mm	L3 mm	L4 mm	g
911.1129	1/4"	200.0	150.0	50.0	8.0	200

ERGOTORQUE^{plus}® bit screwdriver, extra long

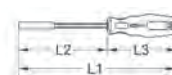
- Flexible blade with double spiral shaft
- Limited torque
- For bits to DIN 3126 / C 6,3
- Plastic protective coating
- Two component handle
- Hanging hole



	1/4"	L1 mm	L2 mm	L3 mm	L4 mm	g
911.1172	1/4"	614.0	500.0	114.0	43.0	280

ERGOTORQUE^{plus}® bit screwdriver

- Two component handle
- Optimal power transmission
- Magnetic
- For bits to DIN 3126 / C 6,3
- Hanging hole
- Blade made of chrome vanadium

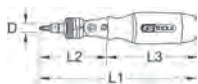


	1/4"	L1 mm	L2 mm	L3 mm	g
159.1198	1/4"	205.0	100.0	105.0	90

RATCHET BIT SCREWDRIVER

Ratchet bit screwdriver

- Robust gearing with 24 teeth
- Ratchet function
- 180° multi adjustable blade
- For bits to DIN 3126 / C 6,3
- Magnetic
- Integrated bit magazine with 13 bits
- Ergonomically designed handle



	○	D mm	L1 mm	L2 mm	L3 mm	g
911.2470	1/4"	10.0	190.0	82.0	108.0	380

T-handle ratchet bit screwdriver

- Robust gearing with 24 teeth
- Ratchet function
- Locking and fast change device
- 45° two way revolving head
- For bits to DIN 3126 / C 6,3
- Fast change bit stop function
- Magnetic
- Integrated bit magazine with 5 bits
- Two component handle



	○	D mm	L1 mm	L2 mm	L3 mm	g
911.2475	1/4"	15.0	140.0	26.0	114.0	380

Mini ratchet screwdriver

- Exact gearing with 72 teeth
- Ratchet function
- For bits to DIN 3126 / C 6,3
- Magnetic
- Two component handle
- Blade mirror polished chrome



	○	L1 mm	L2 mm	L3 mm	g
159.2061	1/4"	95.0	27.0	68.0	140

Revolver ratchet bit screwdriver

- Exact gearing with 72 teeth
- Ratchet function
- Handle with double function (standard and pistol handle)
- For bits to DIN 3126 / C 3,6
- Magnetic
- 40 Nm maximum torque
- Integrated bit magazine
- Two component handle
- Blade mirror polished chrome



	○	L1 mm	L2 mm	L3 mm	g
159.2051	1/4"	260.0	130.0	130.0	450



BIT RATCHETS

Bit ratchet reversible with adaptor for sockets

- With 1/4" square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- For bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Switchable
- Gearing with 72-teeth
- Extremely flat construction form
- Matt finished chrome
- Special steel



	L mm	○	□	g	
918.1595	2 pcs	100.0	1/4"	1/4"	170

CHROMEplus® bit reversing ratchet

- For bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Reversible
- Gearing with 72 teeth
- Two component handle
- Chrome plated and mirror polished
- Special steel



	A mm	D mm	L mm	Repair set	g
918.1495	18.5	22.0	115.0	914.1494	160

Bit reversing ratchet

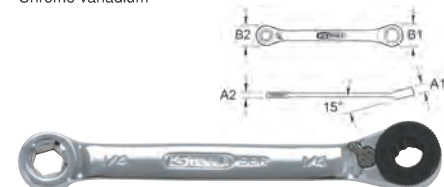
- For bits with 10 mm external hexagon drive
- Reversible
- Gearing with 72 teeth
- Two component handle
- Mirror polished
- Special steel



	A mm	D mm	L mm	Repair set	g
914.3893	30.0	32.0	120.0	914.3494	180

GEARplus® mini eversible ratcheting spanner

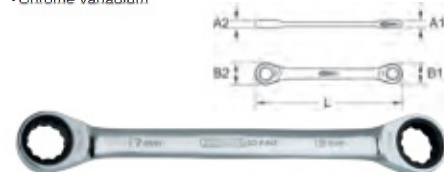
- Especially handy and compact
- Rotating assembly
- One way angled head
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



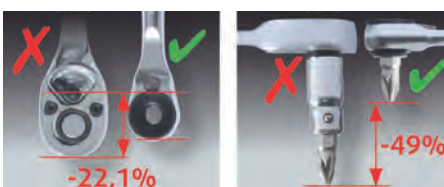
	○	A1 mm	A2 mm	B1 mm	B2 mm	L mm	g
503.4691	1/4" x 1/4"	9,7	7,8	12,6	14,2	90,0	40

GEARplus® Double ratchet ring spanner

- FlankTraction profile 12 point
- In accordance to DIN 3110 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



	□ mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	g
503.4511	8x10	7,3	6,5	20,0	17,0	128,0	40



GEARplus® mini eversible ratcheting spanner

- Especially handy and compact
- Rotating assembly
- One way angled head
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



	○	A1 mm	A2 mm	B1 mm	B2 mm	L mm	⚖️
503.4678	1/4" x 10mm	13,5	9,7	19,3	14,2	124,5	40
503.4679	1/4" x 5/16"	10,2	9,7	17,2	14,2	115,0	40

1/4" SCREWDRIVING TOOLS

CLASSIC drive socket, magnetic

- Magnetic
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- For a damage free inserting boring and unscrewing bolts
- Ideally suited for fittings in trade and industry
- Sand blasted
- Special steel



	⚖️	mm	L mm	H mm	⚖️
122.2171	5,0	60,0	11,0	25	
122.2172	6,0	60,0	11,0	25	
122.2101	7,0	60,0	11,0	30	
122.2102	8,0	60,0	12,0	30	
122.2103	10,0	60,0	15,0	40	
122.2173	12,0	60,0	18,0	48	
122.2104	13,0	60,0	18,0	50	

CLASSIC stud screwdriver

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- For a damage free inserting boring and unscrewing bolts from floor
- Ideally suited for fittings in trade and industry
- Sand blasted
- Special steel



		L mm	H mm	⚖️
122.2105	M6	50,0	12,0	20
122.2106	M8	50,0	12,0	20
122.2107	M10	50,0	12,0	20
122.2108	M12	50,0	14,0	20

CLASSIC bit and drive socket set

- Ideal set of compilation for plumbing heating and air conditioning
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Includes magnetic drive sockets and stud screwdrivers for a damage free inserting boring and unscrewing bolts and stud bolts
- Orderly arrangement of the popular 1/4" bits and drive sockets
- Sand blasted
- Special steel
- In durable plastic storage case



	⚖️			⚖️
122.2100	31 pcs	CLASSIC bit and drive socket set		0,67
4 x		7 - 8 - 10 - 13 mm		
4 x		M6 - M8 - M10 - M12		
1 x		50 mm		
5 x		PH1 - 3 x PH2 - PH3		
5 x		PZ1 - 3 x PZ2 - PZ3		
2 x		5,5 - 6,5 mm		
3 x		4 - 5 - 6 mm		
7 x		T10 - T15 - T20 - T25 - T27 - T30 - T40		

CLASSIC bit and drive socket display

- Ideal set of compilation for plumbing heating and air conditioning
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Includes magnetic drive sockets and stud screwdrivers for a damage free inserting boring and unscrewing bolts and stud bolts
- Orderly arrangement of the popular 1/4" bits and drive sockets
- Special steel
- Supplied in counter sales display



	⚖️			⚖️
122.2100D	10 pcs	10 x 122.2100		7,00

MICRO BITS

Micro bit for slotted screws

- Slotted
- External hexagon drive and locking ring
- For hand usage with a GEARplus spanner 503.4511
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



	mm	○	L mm	Content	⚖️
503.8221	4,0	8,0	15,0	1	10

Micro bit for hexagon screws

- Hexagon socket
- External hexagon drive and locking ring
- For hand usage with a GEARplus spanner 503.4511
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



	mm	○	L mm	Content	⚖️
503.8131	4,0	8,0	15,0	1	10
503.8132	5,0	8,0	15,0	1	10
503.8133	6,0	10,0	15,0	1	10
503.8134	7,0	10,0	15,0	1	10
503.8135	8,0	10,0	15,0	1	10

Micro bit for phillips screws PH

- PH
- External hexagon drive and locking ring
- For hand usage with a GEARplus spanner 503.4511
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



	○	L mm	Content	⚖️	
503.8101	PH0	8,0	20,0	1	10
503.8102	PH1	8,0	20,0	1	10
503.8103	PH2	8,0	20,0	1	10

Micro bit for spline screws

- Spline
- External hexagon drive and locking ring
- For hand usage with a GEARplus spanner 503.4511
- Ideally suited for fi tings in trade and industry
- Nickel plated
- Special steel



	Ø	L mm	Content	⊗	
503.8152	M5	8,0	23,0	1	10
503.8153	M6	10,0	23,0	1	10
503.8154	M8	10,0	23,0	1	10
503.8155	M10	10,0	23,0	1	10

TORX® MICRO bits

- TX
- External hexagon drive and locking ring
- For hand usage with a GEARplus spanner 503.4511
- Ideally suited for fi tings in trade and industry
- Nickel plated
- Special steel



	Ø	L mm	Content	⊗	
503.8170	T8	8,0	23,0	1	5
503.8171	T10	8,0	23,0	1	10
503.8172	T15	8,0	23,0	1	10
503.8173	T20	8,0	23,0	1	10
503.8174	T25	8,0	23,0	1	10
503.8175	T27	8,0	23,0	1	10
503.8176	T30	8,0	23,0	1	10
503.8177	T40	10,0	23,0	1	10
503.8178	T45	10,0	23,0	1	10

TORX® MICRO bits, tamper proof

- For tamperproof TX
- External hexagon drive and locking ring
- For hand usage with a GEARplus spanner 503.4511
- Ideally suited for fi tings in trade and industry
- Nickel plated
- Special steel



	Ø	L mm	Content	⊗	
503.8200	TB8	8,0	23,0	1	5
503.8201	TB10	8,0	23,0	1	10
503.8202	TB15	8,0	23,0	1	10
503.8203	TB20	8,0	23,0	1	10
503.8204	TB25	8,0	23,0	1	10
503.8205	TB27	8,0	23,0	1	10
503.8206	TB30	8,0	23,0	1	10
503.8207	TB40	10,0	23,0	1	10
503.8208	TB45	10,0	23,0	1	10

Micro bit set

- External hexagon drive and locking ring
- For manual operation
- Includes reversing GEARplus® bitatchet ring spanner
- Ideally suited for fi tings in trade and industry
- Precise and orderly arrangement of the popular micro-bits
- Nickel plated
- Special steel



	⊗
503.4670	32 pcs Micro bit set 520
1 x	8 x 10 mm
1 x	4 mm
3 x	PH0 - PH1 - PH2
5 x	4 - 5 - 6 - 7 - 8 mm
4 x	5 - 6 - 8 - 10 mm
9 x	T8 - T10 - T15 - T20 - T25 - T27 - T30 T40 - T45
9 x	TB8 - TB10 - TB15 - TB20 - TB25 TB27 - TB30 - TB40 - TB45

1/4" CLASSIC BITS 25 mm

CLASSIC bit for slotted screws

- Slotted
- External hexagon drive to DIN 3126 / ISO 1173 - C 6.3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi tings in trade and industry
- Nickel plated
- Special steel



	Ø mm	L mm	Content	⊗
911.3303	3,0	25,0	1	5
911.3304	3,0	25,0	5	35
911.3305	3,5	25,0	1	5
911.3306	3,5	25,0	5	35
911.2237	4,0	25,0	1	6
911.2238	4,0	25,0	5	40
911.2240	4,5	25,0	1	6
911.2241	4,5	25,0	5	40
911.2392	5,0	25,0	1	5
911.2492	5,0	25,0	5	35
911.2243	5,5	25,0	1	6
911.2244	5,5	25,0	5	40
911.2246	6,0	25,0	1	6
911.2247	6,0	25,0	5	40
911.2249	6,5	25,0	1	6
911.2250	6,5	25,0	5	40
911.3307	7,0	25,0	1	6
911.3308	7,0	25,0	5	40
911.2252	8,0	25,0	1	9
911.2253	8,0	25,0	5	58
911.3309	9,0	25,0	1	10
911.3310	9,0	25,0	5	66
911.3311	10,0	25,0	1	12
911.3312	10,0	25,0	5	74
911.3313	11,0	25,0	1	12
911.3314	11,0	25,0	5	74



CLASSIC bit for hexagon screws

- Hexagon socket
- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



	mm	L mm	Content	PK
911.3558	1,5	25,0	1	6
911.3559	1,5	25,0	5	40
911.2377	2	25,0	1	5
911.3561	2	25,0	5	40
911.2386	2,5	25,0	1	5
911.3563	2,5	25,0	5	40
911.2255	3	25,0	1	6
911.2256	3	25,0	5	40
911.2258	4	25,0	1	6
911.2259	4	25,0	5	40
911.2261	5	25,0	1	6
911.2262	5	25,0	5	40
911.2264	6	25,0	1	6
911.2265	6	25,0	5	40
911.2267	7	25,0	1	8
911.2268	7	25,0	5	50
911.2270	8	25,0	1	8
911.2271	8	25,0	5	50
911.2399	10	25,0	1	10
911.3565	10	25,0	5	50
911.3566	1/16"	25,0	1	6
911.3611	1/16"	25,0	5	40
911.3567	5/64"	25,0	1	6
911.3612	5/64"	25,0	5	40
911.3568	3/32"	25,0	1	6
911.3613	3/32"	25,0	5	40
911.3569	7/64"	25,0	1	6
911.3614	7/64"	25,0	5	40
911.3570	1/8"	25,0	1	6
911.3615	1/8"	25,0	5	40
911.3571	9/64"	25,0	1	6
911.3616	9/64"	25,0	5	40
911.3572	5/32"	25,0	1	6
911.3617	5/32"	25,0	5	40
911.3573	3/16"	25,0	1	6
911.3618	3/16"	25,0	5	40
911.3574	7/32"	25,0	1	6
911.3619	7/32"	25,0	5	40
911.3575	1/4"	25,0	1	6
911.3620	1/4"	25,0	5	40
911.3576	5/16"	25,0	1	6
911.3621	5/16"	25,0	5	40
911.3577	3/8"	25,0	1	6
911.3622	3/8"	25,0	5	40



CLASSIC Bit for hexagon tamperproof screws

- Tamperproof hexagon
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



	mm	L mm	Content	PK
911.2934	2,0	25,0	1	6
911.2935	2,0	25,0	5	40
911.2937	2,5	25,0	1	6
911.2938	2,5	25,0	5	40
911.2940	3,0	25,0	1	6
911.2941	3,0	25,0	5	40
911.2943	4,0	25,0	1	6
911.2944	4,0	25,0	5	40
911.2946	5,0	25,0	1	6
911.2947	5,0	25,0	5	40
911.2949	6,0	25,0	1	6
911.2950	6,0	25,0	5	40
911.2952	1/8"	25,0	1	6
911.2953	1/8"	25,0	5	40
911.2955	3/32"	25,0	1	6
911.2956	3/32"	25,0	5	40
911.2958	5/32"	25,0	1	6
911.2959	5/32"	25,0	5	40
911.2961	5/64"	25,0	1	6
911.2962	5/64"	25,0	5	40
911.2964	7/64"	25,0	1	6
911.2965	7/64"	25,0	5	40
911.2967	9/64"	25,0	1	6
911.2968	9/64"	25,0	5	40
911.3582	1/16"	25,0	1	6
911.3583	1/16"	25,0	5	40
911.3584	3/16"	25,0	1	6
911.3585	3/16"	25,0	5	40
911.3586	7/32"	25,0	1	6
911.3587	7/32"	25,0	5	40
911.3588	1/4"	25,0	1	6
911.3589	1/4"	25,0	5	40
911.3590	5/16"	25,0	1	6
911.3591	5/16"	25,0	5	40
911.3592	3/8"	25,0	1	6
911.3593	3/8"	25,0	5	40

CLASSIC bit for hexagon screws with ball end

- Hexagon socket with ball end
- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



	mm	L mm	Content	PK
911.3700	2,5	25,0	1	6
911.3701	2,5	25,0	5	40
911.3702	3	25,0	1	6
911.3703	3	25,0	5	40
911.3704	4	25,0	1	6
911.3705	4	25,0	5	40
911.3706	5	25,0	1	6
911.3707	5	25,0	5	40
911.3708	6	25,0	1	6
911.3709	6	25,0	5	40
911.3710	3/32"	25,0	1	6
911.3711	3/32"	25,0	5	40
911.4651	7/64"	25,0	1	6
911.3713	7/64"	25,0	5	40
911.3714	1/8"	25,0	1	6
911.3715	1/8"	25,0	5	40
911.4652	9/64"	25,0	1	6
911.3717	9/64"	25,0	5	40
911.3718	5/32"	25,0	1	6
911.3719	5/32"	25,0	5	40
911.3720	3/16"	25,0	1	6
911.3721	3/16"	25,0	5	40
911.3722	7/32"	25,0	1	6
911.3723	7/32"	25,0	5	40
911.3724	1/4"	25,0	1	6
911.3725	1/4"	25,0	5	40

CLASSIC bit for Phillips screws PH

- PH
- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



		L mm	Content	PK
911.3333	PH000	25,0	1	6
911.3334	PH000	25,0	5	40
911.3335	PH00	25,0	1	6
911.3336	PH00	25,0	5	40
911.2396	PH0	25,0	1	6
911.2394	PH0	25,0	5	40
911.2201	PH1	25,0	1	6
911.2202	PH1	25,0	5	40
911.2204	PH2	25,0	1	6
911.2205	PH2	25,0	5	40
911.2207	PH3	25,0	1	6
911.2208	PH3	25,0	5	40
911.3337	PH4	25,0	1	8
911.3338	PH4	25,0	5	50



CLASSIC bit for Phillips screws PZ

- PZ
- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



		L mm	Contour	Ø
911.2397	PZ0	25.0	1	6
911.2393	PZ0	25.0	5	40
911.2219	PZ1	25.0	1	6
911.2220	PZ1	25.0	5	40
911.2222	PZ2	25.0	1	6
911.2223	PZ2	25.0	5	40
911.2225	PZ3	25.0	1	6
911.2226	PZ3	25.0	5	40
911.3345	PZ4	25.0	1	8
911.3346	PZ4	25.0	5	50

CLASSIC bit for TX screws

- TX
- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



		L mm	Contour	Ø
911.3351	T1	25.0	1	6
911.3352	T1	25.0	5	40
911.3353	T2	25.0	1	6
911.3354	T2	25.0	5	40
911.3355	T3	25.0	1	6
911.3356	T3	25.0	5	40
911.3357	T4	25.0	1	6
911.3358	T4	25.0	5	40
911.3359	T5	25.0	1	6
911.3360	T5	25.0	5	40
911.2334	T6	25.0	1	6
911.2335	T6	25.0	5	40
911.2303	T7	25.0	1	6
911.2304	T7	25.0	5	40
911.2306	T8	25.0	1	6
911.2307	T8	25.0	5	40
911.2309	T9	25.0	1	6
911.2310	T9	25.0	5	40
911.2312	T10	25.0	1	6
911.2313	T10	25.0	5	40
911.2315	T15	25.0	1	6
911.2316	T15	25.0	5	40
911.2318	T20	25.0	1	6
911.2319	T20	25.0	5	40
911.2321	T25	25.0	1	6
911.2322	T25	25.0	5	40
911.2324	T27	25.0	1	6
911.2325	T27	25.0	5	40
911.2327	T30	25.0	1	8
911.2328	T30	25.0	5	50
911.2330	T40	25.0	1	8
911.2331	T40	25.0	5	50
911.3363	T45	25.0	1	8
911.3364	T45	25.0	5	50

CLASSIC bit for TX PLUS screws

- TX PLUS
- With external hexagon drive to DIN 3126 / ISO 1173 Form C 8
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Nickel plated
- Special steel



		L mm	Contour	Ø
911.3240	IP 10	30.0	1	5
911.3241	IP 15	30.0	1	6
911.3242	IP 20	30.0	1	5
911.3243	IP 25	30.0	1	5
911.3244	IP 30	30.0	1	5

CLASSIC bit for TX screws with ball end

- TX with ball end
- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



		L mm	Contour	Ø
911.3389	T10	25.0	1	6
911.3390	T10	25.0	5	40
911.3391	T15	25.0	1	6
911.3392	T15	25.0	5	40
911.3393	T20	25.0	1	6
911.3394	T20	25.0	5	40
911.3395	T25	25.0	1	6
911.3396	T25	25.0	5	40
911.3397	T30	25.0	1	8
911.3398	T30	25.0	5	50
911.3399	T40	25.0	1	8
911.3500	T40	25.0	5	50

CLASSIC bit for TX tamperproof screws

- For tamperproof TX
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



		L mm	Contour	Ø
911.2833	TB5	25.0	1	6
911.2836	TB6	25.0	1	6
911.2273	TB7	25.0	1	6
911.2274	TB7	25.0	5	40

		L mm	Contour	Ø
911.2276	TB8	25.0	1	6
911.2277	TB8	25.0	5	40
911.2279	TB9	25.0	1	6
911.2280	TB9	25.0	5	40
911.2282	TB10	25.0	1	6
911.2283	TB10	25.0	5	40
911.2285	TB15	25.0	1	6
911.2286	TB15	25.0	5	40
911.2288	TB20	25.0	1	6
911.2289	TB20	25.0	5	40
911.2291	TB25	25.0	1	6
911.2292	TB25	25.0	5	40
911.2294	TB27	25.0	1	6
911.2295	TB27	25.0	5	40
911.2297	TB30	25.0	1	8
911.2298	TB30	25.0	5	50
911.2300	TB40	25.0	1	8
911.2301	TB40	25.0	5	50

CLASSIC Bit for tamperproof five star bits

- Five star bit, tamperproof
- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



		L mm	Contour	Ø
911.3101	TS10	30.0	1	6
911.3111	TS10	30.0	5	40
911.3102	TS15	30.0	1	6
911.3112	TS15	30.0	5	40
911.3103	TS20	30.0	1	6
911.3113	TS20	30.0	5	40
911.3104	TS25	30.0	1	6
911.3114	TS25	30.0	5	40
911.3105	TS27	30.0	1	6
911.3115	TS27	30.0	5	40
911.3106	TS30	30.0	1	8
911.3116	TS30	30.0	5	50
911.3107	TS40	30.0	1	8
911.3117	TS40	30.0	5	50

CLASSIC bit for spline screws

- Spline
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



		L mm	Contour	Ø
911.2341	M4	25.0	1	6
911.2342	M4	25.0	5	40
911.2344	M5	25.0	1	6
911.2345	M5	25.0	5	40
911.2347	M6	25.0	1	8
911.2348	M6	25.0	5	50
911.2350	M8	25.0	1	8
911.2351	M8	25.0	5	50
911.2353	M10	25.0	1	8

CLASSIC bit for security screws

- Security
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi ttings in trade and industry
- Nickel plated
- Special steel



	mm	L mm	Content	⚖️
911.2910	4.0	25.0	1	6
911.2911	4.0	25.0	5	40
911.2913	6.0	25.0	1	6
911.2914	6.0	25.0	5	40
911.2916	8.0	25.0	1	8
911.2917	8.0	25.0	5	50
911.2919	10.0	25.0	1	8
911.2920	10.0	25.0	5	50
911.3594	12.0	25.0	1	8
911.3595	12.0	25.0	5	50

CLASSIC bit for RIBE® screws

- RIBE®
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fi ttings in trade and industry
- Reinforced execution
- Phosphate finis
- Special steel



		L mm	Content	⚖️
911.5260	M4	25.0	1	10
911.5261	M5	25.0	1	10
911.5262	M6	25.0	1	10
911.5263	M7	25.0	1	10
911.5264	M8	25.0	1	10
911.5265	M9	25.0	1	10

CLASSIC bit for TRIWING® screws

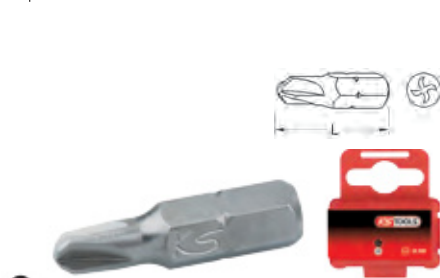
- TRIWING®
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi ttings in trade and industry
- Nickel plated
- Special steel



	mm	L mm	Content	⚖️
911.3625	1,0	25,0	1	6
911.3626	1,0	25,0	5	40
911.3627	2,0	25,0	1	6
911.3628	2,0	25,0	5	40
911.3629	3,0	25,0	1	6
911.3630	3,0	25,0	5	40
911.2922	4,0	25,0	1	6
911.2923	4,0	25,0	5	40
911.3596	5,0	25,0	1	6
911.3597	5,0	25,0	5	40
911.2925	6,0	25,0	1	6
911.2926	6,0	25,0	5	40
911.2928	8,0	25,0	1	8
911.2929	8,0	25,0	5	50
911.2931	10,0	25,0	1	8
911.2932	10,0	25,0	5	50

CLASSIC bit for Torq® screws

- Torq®
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi ttings in trade and industry
- Nickel plated
- Special steel



	mm	L mm	Content	⚖️
911.3631	1.0	25.0	1	6
911.3632	1.0	25.0	5	40
911.3633	2.0	25.0	1	6
911.3634	2.0	25.0	5	40
911.3635	3.0	25.0	1	6
911.3636	3.0	25.0	5	40
911.3637	4.0	25.0	1	6
911.3638	4.0	25.0	5	40
911.3639	5.0	25.0	1	6
911.3640	5.0	25.0	5	40
911.2901	6.0	25.0	1	6
911.2902	6.0	25.0	5	40
911.2904	8.0	25.0	1	8
911.2905	8.0	25.0	5	50
911.2907	10.0	25.0	1	8
911.2908	10.0	25.0	5	50

1/4" CLASSIC BIT SETS 25 mm

CLASSIC mini bit case

- Compact and handy design - fi s into shirt or trouser pocket
- Ergonomic form for fatigue free working
- Integrated hexagon drive in the magazine can be used as an auxiliary screwdriver
- Folding bit magazine
- Includes AUTO SLIMLOCK bitholder with magnet and extension
- Extremely slim ideal in confined spa es
- Precise and orderly arrangement of the popular 1/4" bits
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi ttings in trade and industry
- Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Nickel plated bits
- Bits made of special steel
- Box made from impact resistant plastic



	mm	L mm	Content	⚖️
911.2840	11 pcs		CLASSIC mini bit case	130
2 x		5,5 - 6,5 mm		
4 x		PH1 - 2 x PH2 - PH3		
4 x		PZ1 - 2 x PZ2 - PZ3		
1 x		1/4"		

CLASSIC mini bit case display

- Compact and handy design - fi s into shirt or trouser pocket
- Ergonomic form for fatigue free working
- Integrated hexagon drive in the magazine can be used as an auxiliary screwdriver
- Folding bit magazine
- Includes AUTO SLIMLOCK bitholder with magnet and extension
- Extremely slim ideal in confined spa es
- Precise and orderly arrangement of the popular 1/4" bits
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi ttings in trade and industry
- Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Nickel plated bits
- Bits made of special steel
- Box made from impact resistant plastic
- Supplied in counter sales display



	mm	L mm	Content	⚖️
911.2840D	12 pcs	12 x 911.2840D		1,85

CLASSIC mini bit case

- Compact and handy design - fi s into shirt or trouser pocket
- Ergonomic form for fatigue free working
- Integrated hexagon drive in the magazine can be used as an auxiliary screwdriver
- Folding bit magazine
- Includes AUTO SLIMLOCK bitholder with magnet and extension
- Extremely slim ideal in confined spa es
- Precise and orderly arrangement of the popular 1/4" bits
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi ttings in trade and industry
- Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Nickel plated bits
- Bits made of special steel
- Box made from impact resistant plastic



	mm	L mm	Content	⚖️
911.2845	11 pcs		CLASSIC mini bit case	130
4 x		T15 - T20 - T25 - T30		
3 x		PH1 - PH2 - PH3		
3 x		PZ1 - PZ2 - PZ3		
1 x		1/4"		

CLASSIC mini bit case display

- Compact and handy design - fits into shirt or trouser pocket
- Ergonomic form for fatigue free working
- Integrated hexagon drive in the magazine can be used as an auxiliary screwdriver
- Folding bit magazine
- Includes AUTO SLIMLOCK bitholder with magnet and extension
- Extremely slim ideal in confined spaces
- Precise and orderly arrangement of the popular 1/4" bits
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Nickel plated bits
- Bits made of special steel
- Box made from impact resistant plastic
- Supplied in counter sales display



1/4"		1/2"	
911.2845D	12 pcs	12 x 911.2845	1.85

CHROMEplus® bit set

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Includes reversing GEARplus® bit alchet ring spanner and 1/4" socket adaptor
- Ideally suited for fittings in trade and industry
- Precise and orderly arrangement of the popular 1/4" bits
- Chrome plated
- Special steel
- Includes mirror polished chrome box



1/4"		1/2"	
918.452D	20 pcs	CHROMEplus® bit set	0.32
1 x		1/4" x 1/4"	
1 x		1/4"	
3 x		PH1 - PH2 - PH3	
3 x		PZ1 - PZ2 - PZ3	
3 x		4.5 - 5.5 - 6.5 mm	
3 x		4 - 5 - 6 mm	
6 x		TB10 - TB15 - TB20 - TB25 - TB30 - TB40	

CHROMEplus® bit set display

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Includes reversing GEARplus® bit alchet ring spanner and 1/4" socket adaptor
- Ideally suited for fittings in trade and industry
- Precise and orderly arrangement of the popular 1/4" bits
- Chrome plated
- Special steel
- Includes mirror polished chrome box
- Supplied in counter sales display



1/4"		1/2"	
918.452D	12 pcs	12 x 918.452D	3.20

CHROMEplus® bit set

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Includes magnetic quick release bit holder and 1/4" socket adaptor
- Ideally suited for fittings in trade and industry
- Precise and orderly arrangement of the popular 1/4" bits
- Nickel plated
- Special steel
- Includes mirror polished chrome box



1/4"		1/2"	
911.207D	30 pcs	CHROMEplus® bit set	0.26
1 x		1/4"	
1 x		1/4"	
4 x		PH1 - 2 x PH2 - PH3	
4 x		PZ1 - 2 x PZ2 - PZ3	
3 x		4.5 - 5.5 - 6.5 mm	
3 x		4 - 5 - 6 mm	
7 x		TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40	
7 x		T10 - T15 - T20 - T25 - T27 - T30 - T40	

CLASSIC bit set

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Includes magnetic quick release bit holder and 1/4" socket adaptor
- Practical belt holder
- Ideally suited for fittings in trade and industry
- Precise and orderly arrangement of the popular 1/4" bits
- Nickel plated
- Special steel
- In durable plastic storage case



1/4"		1/2"	
911.206D	32 pcs	CLASSIC bit set	0.30
1 x		1/4"	
1 x		1/4"	
3 x		PH1 - PH2 - PH3	
6 x		2 x PZ1 - 2 x PZ2 - 2 x PZ3	
3 x		5.5 - 6.5 - 8 mm	
3 x		4 - 5 - 6 mm	
15 x		2 x TB10 - 3 x TB15 - 2 x TB20 - 3 x TB25 - 3 x TB30 - 2 x TB40	

CHROMEplus® bit set

- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Precise arrangement of the popular 1/4" bits
- Exact gearing with 72 teeth
- Offset angle 5°
- Matt finish
- Chrome vanadium
- In high quality chrome box



1/4"		1/2"	
918.460D	31 pcs	CHROMEplus® bit set	0.60
1 x		1/4"	
1 x		1/4"	
1 x		1/4"	
4 x		PH1 - 2 x PH2 - PH3	
4 x		PZ1 - 2 x PZ2 - PZ3	
3 x		4.5 - 5.5 - 6.5 mm	
3 x		4 - 5 - 6 mm	
7 x		T10 - T15 - T20 - T25 - T27 - T30 - T40	
7 x		TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40	

CHROMEplus® bit set

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Includes CHROMEplus® mini bit eversing ratchet and 1/4" socket adaptor
- Ideally suited for fi ttings in trade and industry
- Precise and orderly arrangement of the popular 1/4" bits
- Chrome plated
- Special steel
- Includes mirror polished chrome box



				kg
918.4500	31 pcs	CHROMEplus® bit set		0.60
1 x		1/4" x 1/4"		
1 x		1/4"		
1 x		1/4"		
3 x		PH1 - PH2 - PH3		
3 x		PZ1 - PZ2 - PZ3		
3 x		4,5 - 5,5 - 6,5 mm		
3 x		4 - 5 - 6 mm		
7 x		TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40		
7 x		T10 - T15 - T20 - T25 - T27 - T30 - T40		

CHROMEplus® bit set display

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Includes CHROMEplus® bit eversing ratchet and 1/4" socket adaptor
- Ideally suited for fi ttings in trade and industry
- Precise and orderly arrangement of the popular 1/4" bits
- Chrome plated
- Special steel
- Includes mirror polished chrome box and belt pouch
- Supplied in counter sales display



				kg
918.45000	11 pcs	11 x 918.4500		6.60

CLASSIC bit set

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Includes quick release screwdriver bits and 1/4" socket adaptor
- Ideally suited for fi ttings in trade and industry
- Precise and orderly arrangement of the popular 1/4" security bits
- Nickel plated
- Special steel
- In durable steel storage case



				kg
911.2029	29 pcs	CLASSIC bit set		0.88
1 x		1/4"		
1 x		1/4"		
9 x		TB8 - TB9 - TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40		
6 x		2 - 2,5 - 3 - 4 - 5 - 6 mm		
4 x		4 - 6 - 8 - 10 mm		
4 x		4 - 6 - 8 - 10 mm		
3 x		6 - 8 - 10 mm		
1 x		1/4"		

CLASSIC bit and drive socket set

- Ideal set of compilation for plumbing heating and air conditioning
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi ttings in trade and industry
- Includes magnetic drive sockets and stud screwdrivers for a damage free inserting borin and unscrewing bolts and stud bolts
- Orderly arrangement of the popular 1/4" bits and drive sockets
- Sand blasted
- Special steel
- In durable plastic storage case



				kg
122.2100	31 pcs	CLASSIC bit and drive socket set		0.67
4 x		7 - 8 - 10 - 13 mm		
4 x		M6 - M8 - M10 - M12		
1 x		50 mm		
5 x		PH1 - 3 x PH2 - PH3		
5 x		PZ1 - 3 x PZ2 - PZ3		
2 x		5,5 - 6,5 mm		
3 x		4 - 5 - 6 mm		
7 x		T10 - T15 - T20 - T25 - T27 - T30 - T40		

CLASSIC bit and drive socket display

- Ideal set of compilation for plumbing heating and air conditioning
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi ttings in trade and industry
- Includes magnetic drive sockets and stud screwdrivers for a damage free inserting boring and unscrewing bolts and stud bolts
- Orderly arrangement of the popular 1/4" bits and drive sockets
- Special steel
- Supplied in counter sales display



				kg
122.21000	10 pcs	10 x 122.2100		7.00



CLASSIC bit set

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Includes bitholder and 1/4" socket adaptor
- Ideally suited for fittings in trade and industry
- Orderly arrangement of the popular 1/4" bits
- Sand blasted
- Special steel
- In durable plastic storage case



CLASSIC bit set

- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Includes bit holder, bit ratchet, 1/4" socket adaptor and 1/4" mini-bit-screwdriver
- Ideally suited for fittings in trade and industry
- Precise and orderly arrangement of the popular 1/4" bits
- Sand-blasted
- Special steel
- In durable plastic storage case

CLASSIC Bit set

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Includes bit holder, bit ratchet, 1/4" socket adaptor and 1/4" bit screwdriver
- Ideally suited for fittings in trade and industry
- Precise and orderly arrangement of the popular 1/4" bits
- Sand blasted
- Special steel
- In durable plastic storage case



1/4"

		kg	
911.2026	100 pcs CLASSIC bit set	0.75	
1 x	50 mm		
2 x	30 - 50 mm		
1 x	1/4"		
1 x	1/4"		
9 x	3 - 4 - 4,5 - 5 - 5,5 - 6 - 6,5 - 7 - 8 mm		
8 x	PH0 - PH1 - 5 x PH2 - PH3		
8 x	PZ0 - PZ1 - 5 x PZ2 - PZ3		
9 x	1,5 - 2 - 2,5 - 3 - 4 - 5 - 5,5 - 6 - 8 mm		
10 x	1/16" - 5/64" - 3/32" - 7/64" - 1/8" - 9/64" - 5/32" - 3/16" - 7/32" - 1/4"		
6 x	2 - 2,5 - 3 - 4 - 5 - 6 mm		
6 x	5/64" - 3/32" - 7/64" - 1/8" - 9/64" - 5/32"		
9 x	T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45		
9 x	TB8 - TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB35 - TB40		
3 x	M5 - M6 - M8		
3 x	#1-#3 bits"/> #1 - #2 - #3		
4 x	#1-#4 bits"/> #1 - #2 - #3 - #4		
4 x	4 - 6 - 8 - 10 mm		
3 x	6 - 8 - 10 mm		
4 x	#0-#3 bits"/> #0 - #1 - #2 - #3		

1/4"

		kg	
911.2080	99 pcs CLASSIC bit set	0.75	
1 x	1/4"		
1 x	1/4"		
1 x	1/4"		
1 x	1/4"		
9 x	3 - 4 - 4,5 - 5 - 5,5 - 6 - 6,5 - 7 - 8 mm		
8 x	PH0 - PH1 - 5 x PH2 - PH3		
8 x	PZ0 - PZ1 - 5 x PZ2 - PZ3		
9 x	1,5 - 2 - 2,5 - 3 - 4 - 5 - 5,5 - 6 - 8 mm		
10 x	5/64" - 7/64" - 9/64" - 3/32" - 5/32" - 7/32" - 3/16" - 1/16" - 1/8" - 1/4"		
6 x	2 - 2,5 - 3 - 4 - 5 - 6 mm		
6 x	5/64" - 7/64" - 9/64" - 3/32" - 1/8" - 5/32"		
9 x	T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45		
9 x	TB8 - TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB35 - TB40		
3 x	M5 - M6 - M8		
3 x	#1-#3 bits"/> #1 - #2 - #3		
4 x	#1-#4 bits"/> #1 - #2 - #3 - #4		
4 x	4 - 6 - 8 - 10 mm		
3 x	6 - 8 - 10 mm		
4 x	#0-#3 bits"/> #0 - #1 - #2 - #3		

1/4"

		kg	
911.2085	122 pcs CLASSIC Bit set	1.15	
1 x	1/4"		
1 x	1/4"		
1 x	1/4"		
2 x	30 - 50 mm		
1 x	1/4"		
10 x	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm		
10 x	5/32" - 3/16" - 7/32" - 1/4" - 9/32" - 5/16" - 1/2"		
9 x	3 - 4 - 4,5 - 5 - 5,5 - 6 - 6,5 - 7 - 8 mm		
5 x	PH0 - PH00 - PH1 - PH2 - PH3		
5 x	PZ0 - PZ00 - PZ1 - PZ2 - PZ3		
9 x	1,5 - 2 - 2,5 - 3 - 4 - 5 - 5,5 - 6 - 8 mm		
10 x	1/16" - 5/64" - 3/32" - 7/64" - 1/8" - 9/64" - 5/32" - 3/16" - 7/32" - 1/4"		
6 x	2 - 2,5 - 3 - 4 - 5 - 6 - 8 mm		
13 x	T5 - T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45		
9 x	TB8 - TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB35 - TB40		
3 x	M5 - M6 - M8		
3 x	#1-#3 bits"/> #1 - #2 - #3		
4 x	4 - 6 - 8 - 10 mm		
4 x	4 - 6 - 8 - 10 mm		
3 x	6 - 8 - 10 mm		
4 x	#0-#3 bits"/> #0 - #1 - #2 - #3		
9 x	TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40 - TS45 - TS50		

CLASSIC bit set

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Includes bitholder and 1/4" socket adapter
- Ideally suited for fi tings in trade and industry
- Orderly arrangement of the popular 1/4" bits
- Sand blasted
- Special steel
- In durable plastic storage case



1/4"

1/4"			
911.2027	99 pcs	CLASSIC bit set	0,75
1 x		1/4"	
1 x		1/4"	
1 x		1/4"	
9 x		3 - 4 - 4,5 - 5 - 5,5 - 6 - 6,5 - 7 - 8	
5 x		PH0 - PH1 - 2 x PH2 - PH3	
5 x		PZ0 - PZ1 - 2 x PZ2 - PZ3	
9 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 5,5 - 6 - 8	
6 x		2 - 2,5 - 3 - 4 - 5 - 6	
6 x		5/64" - 3/32" - 7/64" - 1/8" - 9/64" - 5/32"	
9 x		T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45	
9 x		TB8 - TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB35 - TB40	
3 x		M5 - M6 - M8	
3 x		#1 - #2 - #3	
4 x		#1 - #2 - #3 - #4	
4 x		4 - 6 - 8 - 10 mm	
3 x		6 - 8 - 10 mm	
4 x		#0 - #1 - #2 - #3	
3 x		4 - 5 - 6 mm	
3 x		TB15 - TB20 - TB30	
4 x		#1 - #2 - #3 - 4 #	
4 x		4 - 6 - 8 - 10 mm	
3 x		6 - 8 - 10 mm	

CLASSIC bit set

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Includes quick release bit holder
- Ideally suited for fi tings in trade and industry
- Orderly arrangement of the popular 1/4" bits
- Sand blasted
- Special steel
- In durable plastic storage case



1/4"

1/4"			
911.2031	113 pcs	CLASSIC bit set	1,17
1 x		1/4"	
1 x		1/4"	
3 x		PH2	
3 x		PZ2	
7 x		T10 - T15 - 3 x T20 - T25 - T30	
14 x		7 x 4 - 7 x 6 mm	
21 x		7 x PH1 - 7 x PH2 - 7 x PH3	
21 x		7 x PZ1 - 7 x PZ2 - 7 x PZ3	
21 x		7 x 4 - 7 x 5 - 7 x 6 mm	
14 x		2 x T10 - 2 x T15 - 2 x T20 - 2 x T25 - 2 x T27 - 2 x T30 - 2 x T40	
7 x		TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40	

CLASSIC bit display

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi tings in trade and industry
- Contains the most current 1/4" bits and bit holder
- Nickel plated
- Special steel
- In durable plastic storage bit magazine
- 30 Drawers with labels
- Magazine can be placed or can secured to the wall
- Polypropylene housing
- Drawers out of polystyrene



1/4"

1/4"			
911.2200	280 pcs	CLASSIC bit display	6,60
10 x		5 x 50 - 5 x 100 mm	
5 x		65 mm	

5 x		65 mm
30 x		10 x 4 - 10 x 5,5 - 10 x 6,5 mm
30 x		10 x 4 - 10 x 5 - 10 x 6 mm
30 x		10 x PH1 - 10 x PH2 - 10 x PH3
30 x		10 x PZ1 - 10 x PZ2 - 10 x PZ3
70 x		10 x (T10 - T15 - T20 - T25 - T27 - T30 - T40)
70 x		10 x (TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40)



CLASSIC bit display

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi tings in trade and industry
- Contains the most current 1/4" bits and bit holder
- Nickel plated
- Special steel
- In durable clear acrylic counter display with a push cover



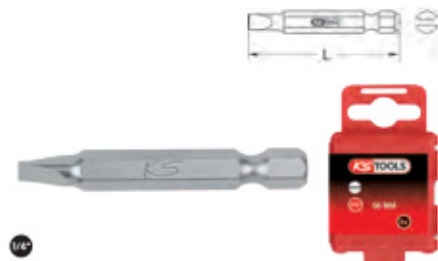
1/4"

1/4"			
911.2000	1580 pcs	CLASSIC bit display	10,10
10 x		60 mm	
10 x		65 mm	
200 x		50 x PH1 - 100 x PH2 - 50 x PH3	
200 x		50 x PZ1 - 100 x PZ2 - 50 x PZ3	
230 x		50 x 4 mm - 100 x 5,5 mm - 50 x 6,5 mm - 30 x 8 mm	
230 x		50 x (3 - 4 - 5 - 6 mm) - 30 x 8 mm	
350 x		50 x (T10 - T15 - T20 - T25 - T27 - T30 - T40)	
350 x		50 x (TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40)	

1/4" CLASSIC BITS 50 mm

CLASSIC bit for slotted screws

- Slotted
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



	mm	L mm	Contour	
911.3315	1.5	50.0	1	10
911.3316	1.5	50.0	5	60
911.3317	2.0	50.0	1	10
911.3318	2.0	50.0	5	60
911.3319	2.5	50.0	1	10
911.3320	2.5	50.0	5	60
911.2746	3.0	50.0	1	10
911.2747	3.0	50.0	5	60
911.3321	3.5	50.0	1	10
911.3322	3.5	50.0	5	60
911.2749	4.0	50.0	1	10
911.2750	4.0	50.0	5	60
911.2752	4.5	50.0	1	10
911.2753	4.5	50.0	5	60
911.2755	5.0	50.0	1	10
911.2756	5.0	50.0	5	60
911.2758	5.5	50.0	1	10
911.2759	5.5	50.0	5	60
911.2761	6.0	50.0	1	10
911.2762	6.0	50.0	5	60
911.2764	6.5	50.0	1	12
911.2765	6.5	50.0	5	70
911.2767	7.0	50.0	1	12
911.2768	7.0	50.0	5	70
911.3323	8.0	50.0	1	12
911.3324	8.0	50.0	5	70
911.3325	9.0	50.0	1	12
911.3326	9.0	50.0	5	70
911.3327	10.0	50.0	1	12
911.3328	10.0	50.0	5	70
911.3329	11.0	50.0	1	12
911.3330	11.0	50.0	5	70
911.3331	12.0	50.0	1	12
911.3332	12.0	50.0	5	70



CLASSIC bit for hexagon screws

- Hexagon socket
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



	mm	L mm	Contour	
911.2800	1.5	50.0	1	10
911.2801	1.5	50.0	5	60
911.2803	2.0	50.0	1	10
911.2804	2.0	50.0	5	60
911.2806	2.5	50.0	1	10
911.2807	2.5	50.0	5	60
911.2809	3.0	50.0	1	10
911.2810	3.0	50.0	5	60
911.2812	4.0	50.0	1	10
911.2813	4.0	50.0	5	60
911.2815	5.0	50.0	1	10
911.2816	5.0	50.0	5	60
911.2818	5.5	50.0	1	10
911.2819	5.5	50.0	5	60
911.2821	6.0	50.0	1	10
911.2822	6.0	50.0	5	60
911.2824	7.0	50.0	1	12
911.2825	7.0	50.0	5	70
911.3578	8.0	50.0	1	12
911.3579	8.0	50.0	5	70
911.3580	10.0	50.0	1	12
911.3581	10.0	50.0	5	70

CLASSIC bit for phillips screws PH

- PH
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



		L mm	Contour	
911.3339	PH0	50.0	1	10
911.3340	PH0	50.0	5	60
911.2210	PH1	50.0	1	10
911.2211	PH1	50.0	5	60
911.2213	PH2	50.0	1	10
911.2214	PH2	50.0	5	60
911.2216	PH3	50.0	1	10
911.2217	PH3	50.0	5	60
911.3341	PH4	50.0	1	12
911.3342	PH4	50.0	5	70



CLASSIC bit for phillips screws PZ

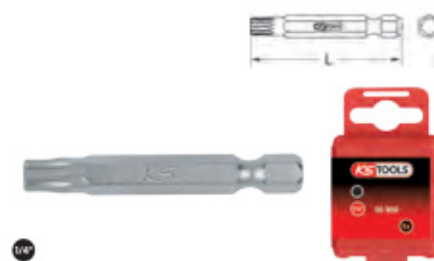
- PZ
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Ideally suited for fittings in trade and industry
- Can be used by hand or with an electric screwdriver
- Nickel plated
- Special steel



		L mm	Contour	
911.3347	PZ0	50.0	1	10
911.3348	PZ0	50.0	5	60
911.2228	PZ1	50.0	1	10
911.2229	PZ1	50.0	5	60
911.2231	PZ2	50.0	1	10
911.2232	PZ2	50.0	5	60
911.2234	PZ3	50.0	1	10
911.2235	PZ3	50.0	5	60
911.3349	PZ4	50.0	1	12
911.3350	PZ4	50.0	5	70

CLASSIC bit for spline screws

- Spline
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Ideally suited for fittings in trade and industry
- Can be used by hand or with an electric screwdriver
- Nickel plated
- Special steel



		L mm	Contour	
911.2701	M3	50.0	1	10
911.2702	M3	50.0	5	60
911.2704	M4	50.0	1	10
911.2705	M4	50.0	5	60
911.2707	M5	50.0	1	10
911.2708	M5	50.0	5	60
911.2710	M6	50.0	1	12
911.2711	M6	50.0	5	70
911.2713	M8	50.0	1	12
911.2714	M8	50.0	5	70



CLASSIC bit for TX screws

- TX
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Ideally suited for fittings in trade and industry
- Can be used by hand or with and electric screwdriver
- Nickel plated
- Special steel



1/4"

		L mm	Content	1	10
911.3365	T1	50,0	1	1	10
911.3366	T1	50,0	5	5	60
911.3367	T2	50,0	1	1	10
911.3368	T2	50,0	5	5	60
911.3369	T3	50,0	1	1	10
911.3370	T3	50,0	5	5	60
911.3371	T4	50,0	1	1	10
911.3372	T4	50,0	5	5	60
911.3373	T5	50,0	1	1	10
911.3374	T5	50,0	5	5	60
911.3375	T6	50,0	1	1	10
911.3376	T6	50,0	5	5	60
911.2716	T7	50,0	1	1	10
911.2717	T7	50,0	5	5	60
911.2719	T8	50,0	1	1	10
911.2720	T8	50,0	5	5	60
911.2722	T9	50,0	1	1	10
911.2723	T9	50,0	5	5	60
911.2725	T10	50,0	1	1	10
911.2726	T10	50,0	5	5	60
911.2728	T15	50,0	1	1	10
911.2729	T15	50,0	5	5	60
911.2731	T20	50,0	1	1	10
911.2732	T20	50,0	5	5	60
911.2734	T25	50,0	1	1	10
911.2735	T25	50,0	5	5	60
911.2737	T27	50,0	1	1	10
911.2738	T27	50,0	5	5	60
911.2740	T30	50,0	1	1	12
911.2741	T30	50,0	5	5	70
911.2743	T40	50,0	1	1	12
911.2744	T40	50,0	5	5	70

CLASSIC bit for TX tamperproof screws

- For tamperproof TX
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Ideally suited for fittings in trade and industry
- Can be used by hand or with and electric screwdriver
- Nickel plated
- Special steel



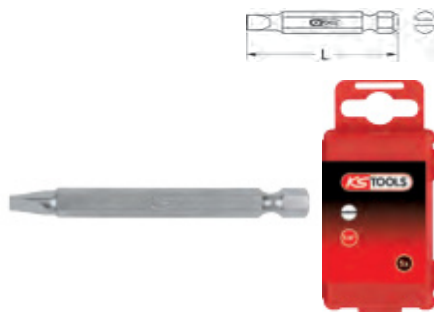
1/4"

		L mm	Content	1	10
911.2770	TB7	50,0	1	1	10
911.2771	TB7	50,0	5	5	60
911.2773	TB8	50,0	1	1	10
911.2774	TB8	50,0	5	5	60
911.2776	TB9	50,0	1	1	10
911.2777	TB9	50,0	5	5	60
911.2779	TB10	50,0	1	1	10
911.2780	TB10	50,0	5	5	60
911.2782	TB15	50,0	1	1	10
911.2783	TB15	50,0	5	5	60
911.2785	TB20	50,0	1	1	10
911.2786	TB20	50,0	5	5	60
911.2788	TB25	50,0	1	1	10
911.2789	TB25	50,0	5	5	60
911.2791	TB27	50,0	1	1	10
911.2792	TB27	50,0	5	5	60
911.2794	TB30	50,0	1	1	12
911.2795	TB30	50,0	5	5	70
911.2797	TB40	50,0	1	1	12
911.2798	TB40	50,0	5	5	70

1/4" CLASSIC BITS 75 mm

CLASSIC bit for slotted screws

- Slotted
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



1/4"

	mm	L mm	Content	1	10
911.7533	3,0	75,0	1	1	20
911.7733	3,0	75,0	5	5	110
911.7534	4,0	75,0	1	1	20
911.7734	4,0	75,0	5	5	110
911.7535	5,0	75,0	1	1	20
911.7735	5,0	75,0	5	5	110
911.7536	6,0	75,0	1	1	20
911.7736	6,0	75,0	5	5	110
911.7537	7,0	75,0	1	1	25
911.7737	7,0	75,0	5	5	140

CLASSIC bit for hexagon screws

- Hexagon socket
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



1/4"

	mm	L mm	Content	1	10
911.7558	2,0	75,0	1	1	20
911.7758	2,0	75,0	5	5	110
911.7559	2,5	75,0	1	1	20
911.7759	2,5	75,0	5	5	110
911.7560	3,0	75,0	1	1	20
911.7760	3,0	75,0	5	5	110
911.7561	4,0	75,0	1	1	20
911.7761	4,0	75,0	5	5	110
911.7562	5,0	75,0	1	1	20
911.7762	5,0	75,0	5	5	110
911.7563	6,0	75,0	1	1	20
911.7763	6,0	75,0	5	5	110

CLASSIC bit for phillips screws PH

- PH
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



1/4"

		L mm	Content	1	10
911.7530	PH1	75,0	1	1	20
911.7730	PH1	75,0	5	5	110
911.7531	PH2	75,0	1	1	20
911.7731	PH2	75,0	5	5	110
911.7539	PH3	75,0	1	1	20
911.7739	PH3	75,0	5	5	110



CLASSIC bit for phillips screws PZ

- PZ
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi tings in trade and industry
- Nickel plated
- Special steel



		L mm	Contour	
911.7527	PZ1	75.0	1	20
911.7727	PZ1	75.0	5	110
911.7528	PZ2	75.0	1	20
911.7728	PZ2	75.0	5	110
911.7529	PZ3	75.0	1	20
911.7729	PZ3	75.0	5	110

CLASSIC bit for TX screws

- TX
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi tings in trade and industry
- Nickel plated
- Special steel



		L mm	Contour	
911.3377	T7	75.0	1	20
911.3378	T7	75.0	5	110
911.3379	T8	75.0	1	20
911.3380	T8	75.0	5	110
911.3381	T9	75.0	1	20
911.3382	T9	75.0	5	110
911.7551	T10	75.0	1	20
911.7751	T10	75.0	5	110
911.7552	T15	75.0	1	20
911.7752	T15	75.0	5	110
911.7553	T20	75.0	1	20
911.7753	T20	75.0	5	110
911.7554	T25	75.0	1	20
911.7754	T25	75.0	5	110
911.7555	T27	75.0	1	20
911.7755	T27	75.0	5	110
911.7556	T30	75.0	1	25
911.7756	T30	75.0	5	140
911.7557	T40	75.0	1	25
911.7757	T40	75.0	5	140

CLASSIC bit for TX tamperproof screws

- For tamperproof TX
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi tings in trade and industry
- Nickel plated
- Special steel



		L mm	Contour	
911.7501	TB8	75.0	1	20
911.7701	TB8	75.0	5	110
911.7502	TB10	75.0	1	20
911.7702	TB10	75.0	5	110
911.7503	TB15	75.0	1	20
911.7703	TB15	75.0	5	110
911.7504	TB20	75.0	1	20
911.7704	TB20	75.0	5	110
911.7505	TB25	75.0	1	20
911.7705	TB25	75.0	5	110
911.7506	TB27	75.0	1	20
911.7706	TB27	75.0	5	110
911.7507	TB30	75.0	1	25
911.7707	TB30	75.0	5	140
911.7508	TB35	75.0	1	25
911.7708	TB35	75.0	5	140
911.7509	TB40	75.0	1	25
911.7709	TB40	75.0	5	140

CLASSIC bit for hexagon tamperproof screws

- Tamperproof hexagon
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi tings in trade and industry
- Nickel plated
- Special steel



		mm	L mm	Contour	
911.7510	2.0	75.0	1	20	
911.7710	2.0	75.0	5	110	
911.7511	2.5	75.0	1	20	
911.7711	2.5	75.0	5	110	
911.7512	3.0	75.0	1	20	
911.7712	3.0	75.0	5	110	
911.7513	4.0	75.0	1	20	
911.7713	4.0	75.0	5	110	
911.7514	5.0	75.0	1	20	
911.7714	5.0	75.0	5	110	
911.7515	6.0	75.0	1	20	
911.7715	6.0	75.0	5	110	

CLASSIC bit for security screws

- Security
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi tings in trade and industry
- Nickel plated
- Special steel



		mm	L mm	Contour	
911.7523	4.0	75.0	1	20	
911.7723	4.0	75.0	5	110	
911.7524	6.0	75.0	1	20	
911.7724	6.0	75.0	5	110	
911.7525	8.0	75.0	1	25	
911.7725	8.0	75.0	5	140	
911.7526	10.0	75.0	1	25	
911.7726	10.0	75.0	5	140	

CLASSIC bit for Torq® screws

- Torq®
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fi tings in trade and industry
- Nickel plated
- Special steel



		mm	L mm	Contour	
911.7516	6.0	75.0	1	20	
911.7716	6.0	75.0	5	110	
911.7517	8.0	75.0	1	25	
911.7717	8.0	75.0	5	140	
911.7518	10.0	75.0	1	25	
911.7718	10.0	75.0	5	140	



CLASSIC bit for TRIWING® screws

- TRIWING®
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



1/4"

	mm	L mm	Content	kg
911.7519	4,0	75,0	1 - 20	
911.7719	4,0	75,0	5 - 110	
911.7520	6,0	75,0	1 - 20	
911.7720	6,0	75,0	5 - 110	
911.7521	8,0	75,0	1 - 18	
911.7721	8,0	75,0	5 - 18	
911.7522	10,0	75,0	1 - 18	
911.7722	10,0	75,0	5 - 20	

1/4" CLASSIC BIT SETS 75 mm

CLASSIC bit set

- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fittings in trade and industry
- Orderly arrangement of the popular 1/4" bits
- Nickel plated
- Special steel
- In durable plastic storage case



1/4"

	mm	L mm	Content	kg
911.7550	32 pcs		CLASSIC bit set	0,67
4 x			4 - 5 - 6 - 7 mm	
6 x			1 x PH1 - 3 x PH2 - 2 x PH3	
9 x			2 x PZ1 - 4 x PZ2 - 3 x PZ3	
6 x			2 - 2,5 - 3 - 4 - 5 - 6 mm	
7 x			T10 - T15 - T20 - T25 - T27 - T30 - T40	

CLASSIC bit set

- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fittings in trade and industry
- Orderly arrangement of the popular 1/4" security bits
- Nickel plated
- Special steel
- In durable plastic storage case



1/4"

	mm	L mm	Content	kg
911.7532	32 pcs		CLASSIC bit set	0,65
1 x			6 mm	
2 x			PH1 - PH2	
3 x			PZ1 - PZ2 - PZ3	
6 x			2 - 2,5 - 3 - 4 - 5 - 6 mm	
9 x			TB8 - TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB35 - TB40	
4 x			#1 - #2 - #3 - #4	
4 x			4 - 6 - 8 - 10 mm	
3 x			6 - 8 - 10 mm	

CLASSIC bit set

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Includes quick release bit holder
- Ideally suited for fittings in trade and industry
- Orderly arrangement of the popular 1/4" bits
- Sand blasted
- Special steel
- In durable plastic storage case



1/4"

	mm	L mm	Content	kg
911.2031	113 pcs		CLASSIC bit set	1,17
1 x			1/4"	
1 x			1/4"	
3 x			PH2	
3 x			PZ2	
7 x			T10 - T15 - 3 x T20 - T25 - T30	

14 x			7 x 4 - 7 x 6 mm
21 x			7 x PH1 - 7 x PH2 - 7 x PH3
21 x			7 x PZ1 - 7 x PZ2 - 7 x PZ3
21 x			7 x 4 - 7 x 5 - 7 x 6 mm
14 x			2 x T10 - 2 x T15 - 2 x T20 - 2 x T25 - 2 x T27 - 2 x T30 - 2 x T40
7 x			TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40

CLASSIC bit set

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Includes bitholder and 1/4" socket adapter
- Ideally suited for fittings in trade and industry
- Orderly arrangement of the popular 1/4" bits
- Sand blasted
- Special steel
- In durable plastic storage case



1/4"

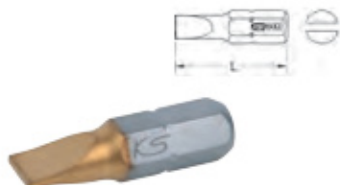
	mm	L mm	Content	kg
911.2027	99 pcs		CLASSIC bit set	0,75
1 x			1/4"	
1 x			1/4"	
1 x			1/4"	
9 x			3 - 4 - 4,5 - 5 - 5,5 - 6 - 6,5 - 7 - 8	
5 x			PH0 - PH1 - 2 x PH2 - PH3	
5 x			PZ0 - PZ1 - 2 x PZ2 - PZ3	
9 x			1,5 - 2 - 2,5 - 3 - 4 - 5 - 5,5 - 6 - 8	
6 x			2 - 2,5 - 3 - 4 - 5 - 6	
6 x			5/64" - 3/32" - 7/64" - 1/8" - 9/64" - 5/32"	
9 x			T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45	
9 x			TB8 - TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB35 - TB40	
3 x			M5 - M6 - M8	
3 x			#1 - #2 - #3	
4 x			#1 - #2 - #3 - #4	
4 x			4 - 6 - 8 - 10 mm	
3 x			6 - 8 - 10 mm	
4 x			#0 - #1 - #2 - #3	
3 x			4 - 5 - 6 mm	
3 x			TB15 - TB20 - TB30	
4 x			#1 - #2 - #3 - 4 #	
4 x			4 - 6 - 8 - 10 mm	
3 x			6 - 8 - 10 mm	

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1/4" TIN BITS 25 mm

TIN bit for slotted screws

- Slotted
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Extreme hard coating
- Especially for constant load during industrial applications
- Titanium nitride coated
- Special steel



	L mm	Content	
911.2620	4,0	25,0	1 6
911.2621	4,0	25,0	5 40
911.2622	5,5	25,0	1 6
911.2623	5,5	25,0	5 40
911.2632	6,5	25,0	1 8
911.2633	6,5	25,0	5 50
911.2634	8,0	25,0	1 8
911.2635	8,0	25,0	5 50



TIN bit for hexagon screws

- Hexagon socket
- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Extreme hard coating
- Especially for constant load during industrial applications
- Titanium nitride coated
- Special steel

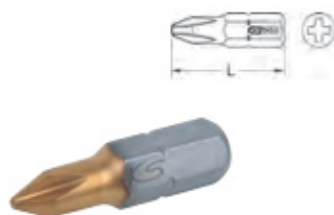


	mm	L mm	Content	
911.3664	2,0	25,0	1 6	
911.3665	2,0	25,0	5 40	
911.3666	2,5	25,0	1 6	
911.3667	2,5	25,0	5 40	
911.3668	3,0	25,0	1 6	
911.3669	3,0	25,0	5 40	
911.3670	4,0	25,0	1 6	
911.3671	4,0	25,0	5 40	
911.3672	5,0	25,0	1 6	
911.3673	5,0	25,0	5 40	
911.3674	6,0	25,0	1 6	
911.3675	6,0	25,0	5 40	
911.3676	8,0	25,0	1 8	
911.3677	8,0	25,0	5 50	
911.3678	10,0	25,0	1 8	
911.3679	10,0	25,0	5 50	



TIN bit for Phillips screws PH

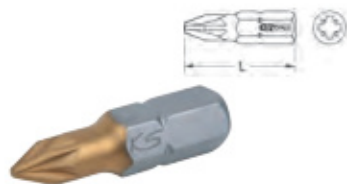
- PH
- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Extreme hard coating
- Especially for constant load during industrial applications
- Titanium nitride coated
- Special steel



	L mm	Content	
911.2636	PH1	25,0	1 6
911.2637	PH1	25,0	5 40
911.2638	PH2	25,0	1 6
911.2639	PH2	25,0	5 40
911.2640	PH3	25,0	1 6
911.2641	PH3	25,0	5 40

TIN bit for Phillips screws PZ

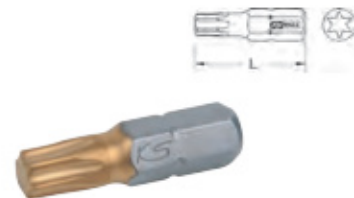
- PZ
- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Extreme hard coating
- Especially for constant load during industrial applications
- Titanium nitride coated
- Special steel



	L mm	Content	
911.2648	PZ1	25,0	1 6
911.2649	PZ1	25,0	5 40
911.2624	PZ2	25,0	1 6
911.2625	PZ2	25,0	5 40
911.2626	PZ3	25,0	1 6
911.2627	PZ3	25,0	5 40

TIN bit for TX screws

- TX
- With external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Extreme hard coating
- Especially for constant load during industrial applications
- Titanium nitride coated
- Special steel



	L mm	Content	
911.3650	T10	25,0	1 6
911.3651	T10	25,0	5 40
911.3652	T15	25,0	1 6
911.3653	T15	25,0	5 40
911.3654	T20	25,0	1 6
911.3655	T20	25,0	5 40
911.3656	T25	25,0	1 6
911.3657	T25	25,0	5 40
911.3658	T27	25,0	1 6
911.3659	T27	25,0	5 40
911.3660	T30	25,0	1 8
911.3661	T30	25,0	5 50
911.3662	T40	25,0	1 8
911.3663	T40	25,0	5 50



1/4" TIN BITS 50 mm

TIN bit for phillips screws PH

- PH
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Extreme hard coating
- Especially for constant load during industrial applications
- Titanium nitride coated
- Special steel



	L mm	Content	
911.2642	PH1	50,0	1 10
911.2643	PH1	50,0	5 60
911.2644	PH2	50,0	1 10
911.2645	PH2	50,0	5 60
911.2646	PH3	50,0	1 10
911.2647	PH3	50,0	5 60

TIN bit for phillips screws PZ

- PZ
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with and electric screwdriver
- Ideally suited for fittings in trade and industry
- Extreme hard coating
- Especially for constant load during industrial applications
- Titanium nitride coated
- Special steel



		L mm	Content	U
911.3641	PZ1	50,0	1	10
911.3642	PZ1	50,0	5	60
911.3643	PZ2	50,0	1	10
911.3644	PZ2	50,0	5	60
911.3645	PZ3	50,0	1	10
911.3646	PZ3	50,0	5	60



1/4" TORSIONpower BITS 25 mm

TORSIONpower bit for slotted screws

- Slotted
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



		mm	L mm	Content	U
918.3305		3,0	25,0	1	6
918.3306		3,0	25,0	5	40
918.3310		4,0	25,0	1	6
918.3311		4,0	25,0	5	40
918.3315		5,0	25,0	1	6
918.3316		5,0	25,0	5	40
918.3320		6,0	25,0	1	6
918.3321		6,0	25,0	5	40

TORSIONpower bit for hexagon screws

- Hexagon socket
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



		mm	L mm	Content	U
918.3405		3	25,0	1	10
918.3406		3	25,0	5	40
918.3410		4	25,0	1	6
918.3411		4	25,0	5	40
918.3415		5	25,0	1	6
918.3416		5	25,0	5	40
918.3420		6	25,0	1	6
918.3421		6	25,0	5	40

TORSIONpower bit for phillips screws PH

- PH
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



		L mm	Content	U
918.3105	PH1	25,0	1	6
918.3106	PH1	25,0	5	40
918.3110	PH2	25,0	1	6
918.3111	PH2	25,0	5	40
918.3115	PH3	25,0	1	6
918.3116	PH3	25,0	5	40

TORSIONpower bit for phillips screws PZ

- PZ
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



		L mm	Content	U
918.3205	PZ1	25,0	1	6
918.3206	PZ1	25,0	5	40
918.3210	PZ2	25,0	1	6
918.3211	PZ2	25,0	5	40
918.3215	PZ3	25,0	1	6
918.3216	PZ3	25,0	5	40

TORSIONpower bit for TX screws

- TX
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



		L mm	Content	U
918.3505	T10	25,0	1	6
918.3506	T10	25,0	5	40
918.3510	T15	25,0	1	6
918.3511	T15	25,0	5	40
918.3515	T20	25,0	1	6
918.3516	T20	25,0	5	40
918.3520	T25	25,0	1	6
918.3521	T25	25,0	5	40
918.3525	T27	25,0	1	6
918.3526	T27	25,0	5	40
918.3530	T30	25,0	1	8
918.3531	T30	25,0	5	50
918.3535	T40	25,0	1	8
918.3536	T40	25,0	5	50

TORSIONpower bit for TX tamperproof screws

- For tamperproof TX
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Tamperproof
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



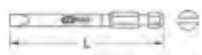
		L mm	Content	U
918.3605	TB10	25,0	1	6
918.3606	TB10	25,0	5	40
918.3610	TB15	25,0	1	6
918.3611	TB15	25,0	5	40
918.3615	TB20	25,0	1	6
918.3616	TB20	25,0	5	40
918.3620	TB25	25,0	1	6
918.3621	TB25	25,0	5	40
918.3625	TB27	25,0	1	6
918.3626	TB27	25,0	5	40
918.3630	TB30	25,0	1	8
918.3631	TB30	25,0	5	50
918.3635	TB40	25,0	1	8
918.3636	TB40	25,0	5	50



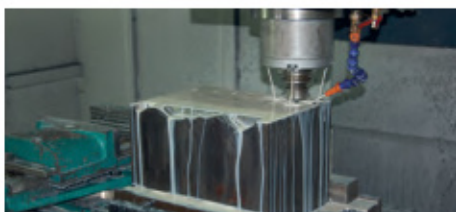
1/4" TORSIONpower BITS 75 mm

TORSIONpower bit for slotted screws

- Slotted
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



	mm	L mm	Count	
918.3350	3.0	75.0	1	20
918.3351	3.0	75.0	5	110
918.3355	4.0	75.0	1	20
918.3356	4.0	75.0	5	110
918.3360	5.0	75.0	1	20
918.3361	5.0	75.0	5	110
918.3365	6.0	75.0	1	20
918.3366	6.0	75.0	5	110

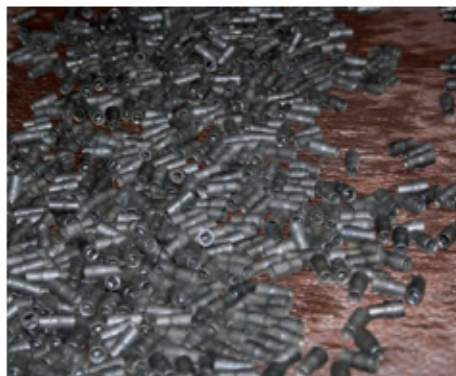


TORSIONpower bit for hexagon screws

- Hexagon socket
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



	mm	L mm	Count	
918.3450	3	75.0	1	20
918.3451	3	75.0	5	110
918.3455	4	75.0	1	20
918.3456	4	75.0	5	110
918.3460	5	75.0	1	20
918.3461	5	75.0	5	110
918.3465	6	75.0	1	20
918.3466	6	75.0	5	110



TORSIONpower bit for phillips screws PH

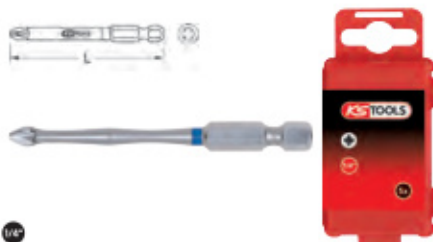
- PH
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



		L mm	Count	
918.3150	PH1	75.0	1	20
918.3151	PH1	75.0	5	110
918.3155	PH2	75.0	1	20
918.3156	PH2	75.0	5	110
918.3160	PH3	75.0	1	20
918.3161	PH3	75.0	5	110

TORSIONpower bit for phillips screws PZ

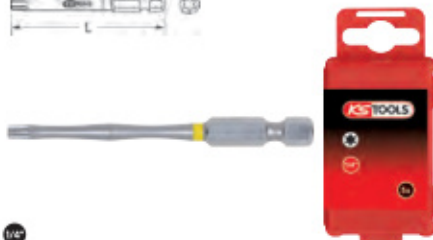
- PZ
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



		L mm	Count	
918.3250	PZ1	75.0	1	20
918.3251	PZ1	75.0	5	110
918.3255	PZ2	75.0	1	20
918.3256	PZ2	75.0	5	110
918.3260	PZ3	75.0	1	20
918.3261	PZ3	75.0	5	110

TORSIONpower bit for TX screws

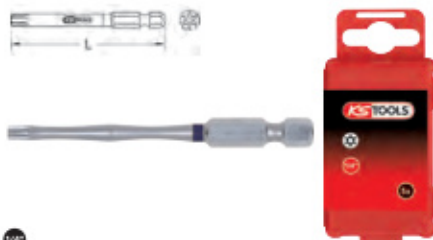
- TX
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



		L mm	Count	
918.3550	T10	75.0	1	20
918.3551	T10	75.0	5	110
918.3555	T15	75.0	1	20
918.3556	T15	75.0	5	110
918.3560	T20	75.0	1	20
918.3561	T20	75.0	5	110
918.3565	T25	75.0	1	20
918.3566	T25	75.0	5	110
918.3570	T27	75.0	1	20
918.3571	T27	75.0	5	110
918.3575	T30	75.0	1	25
918.3576	T30	75.0	5	140
918.3580	T40	75.0	1	25
918.3581	T40	75.0	5	140

TORSIONpower bit for TX tamperproof screws

- For tamperproof TX
- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Tamperproof
- Colour coding
- Ideally suited for fittings in trade and industry
- With torsion zone
- To cushion high level torque
- Longer service life
- Nickel plated
- Special steel



		L mm	Count	
918.3650	TB10	75.0	1	20
918.3651	TB10	75.0	5	110
918.3655	TB15	75.0	1	20
918.3656	TB15	75.0	5	110
918.3660	TB20	75.0	1	20
918.3661	TB20	75.0	5	110
918.3665	TB25	75.0	1	20
918.3666	TB25	75.0	5	110
918.3670	TB27	75.0	1	20
918.3671	TB27	75.0	5	110
918.3675	TB30	75.0	1	25
918.3676	TB30	75.0	5	140
918.3680	TB40	75.0	1	25
918.3681	TB40	75.0	5	140

1/4" TORSIONpower BIT SETS

TORSIONpower Bit-Box

- External hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Can be used by hand or with and electric screwdriver
- Colour coding
- Includes magnetic quick release bit holder and 1/4" socket adapter
- Ideally suited for fi ttings in trade and industry
- Practical belt holder
- Precise and orderly arrangement of the popular 1/4" bits
- Nickel plated
- Special steel
- Includes durable two component storage case



		360	
918.3010	32 pcs	TORSIONpower Bit-Box	360
1 x		1/4"	
1 x		1/4"	
4 x		3 - 4 - 5 - 6 mm	
4 x		1 x PH1 - 2 x PH2 - 1 x PH3	
4 x		1 x PZ1 - 2 x PZ2 - 1 x PZ3	
4 x		3 - 4 - 5 - 6 mm	
7 x		T10 - T15 - T20 - T25 - T27 - T30 - T40	
7 x		TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40	

5/16" CLASSIC BITS

CLASSIC bit for slotted screws

- Slotted
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fi ttings in trade and industry
- Reinforced execution
- Nickel plated
- Special steel



	mm	L mm	Contest	10
911.3680	5.5	30.0	1	10
911.3681	6.5	30.0	1	10
911.3682	7.0	30.0	1	10
911.5141	8.0	30.0	1	10
911.3683	9.0	30.0	1	10
911.5142	10.0	30.0	1	10
911.5143	12.0	30.0	1	10
911.3684	14.0	30.0	1	10
911.3685	16.0	30.0	1	10
911.3686	18.0	30.0	1	10
911.3687	20.0	30.0	1	10

CLASSIC bit for phillips screws PH

- PH
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fi ttings in trade and industry
- Reinforced execution
- Nickel plated
- Special steel



		L mm	Contest	10
911.5132	PH1	30.0	1	10
911.5133	PH2	30.0	1	10
911.5134	PH3	30.0	1	10
911.5135	PH4	30.0	1	10

CLASSIC bit for phillips screws PZ

- PZ
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fi ttings in trade and industry
- Reinforced execution
- Nickel plated
- Special steel



		L mm	Contest	10
911.5121	PZ1	30.0	1	10
911.5122	PZ2	30.0	1	10
911.5123	PZ3	30.0	1	10
911.5124	PZ4	30.0	1	10

CLASSIC bit for hexagon screws

- Hexagon socket
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fi ttings in trade and industry
- Reinforced execution
- Nickel plated
- Special steel



	mm	L mm	Contest	10
911.3695	3.0	30.0	1	10
911.3696	4.0	30.0	1	10
911.3697	5.0	30.0	1	10
911.5126	6.0	30.0	1	10
911.5127	7.0	30.0	1	10
911.5128	8.0	30.0	1	10
911.5129	10.0	30.0	1	10
911.5130	12.0	30.0	1	10
911.5131	14.0	30.0	1	10

CLASSIC bit for spline screws

- Spline
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fi ttings in trade and industry
- Reinforced execution
- Nickel plated
- Special steel



		L mm	Contest	10
911.5154	M4	30.0	1	10
911.5155	M5	30.0	1	10
911.5156	M6	30.0	1	10
911.5157	M8	30.0	1	10
911.5158	M10	30.0	1	10
911.5159	M12	30.0	1	10
911.3698	M14	30.0	1	10

CLASSIC bit for TX screws

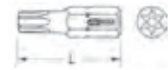
- TX
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fi ttings in trade and industry
- Reinforced execution
- Nickel plated
- Special steela



		L mm	Contest	10
911.3688	T20	30.0	1	10
911.3689	T25	30.0	1	10
911.3690	T27	30.0	1	10
911.3691	T30	30.0	1	10
911.5144	T40	30.0	1	10
911.5145	T45	30.0	1	10
911.5146	T50	30.0	1	10
911.5147	T55	30.0	1	10
911.5148	T60	30.0	1	10
911.5149	T70	30.0	1	15

CLASSIC bit for TX tamperproof screws

- For tamperproof TX
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fi ttings in trade and industry
- Reinforced execution
- Nickel plated
- Special steel



		L mm	Contest	10
911.3692	TB25	30.0	1	10
911.3693	TB27	30.0	1	10
911.3694	TB30	30.0	1	10
911.5136	TB40	30.0	1	10
911.5137	TB45	30.0	1	10
911.5138	TB50	30.0	1	10
911.5139	TB55	30.0	1	10
911.5140	TB60	30.0	1	10
911.5152	TB70	30.0	1	15

CLASSIC bit for RIBE® screws

- RIBE®
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Phosphate finish
- Special steel



		L mm	Count	Weight g
911.3699	M4	38.0	1	10
911.5165	M5	38.0	1	10
911.5166	M6	38.0	1	10
911.5167	M7	38.0	1	10
911.5168	M8	38.0	1	20
911.5169	M10	38.0	1	20
911.5170	M12	38.0	1	30
911.3754	M14	38.0	1	30

CLASSIC bit for RIBE® screws

- RIBE®
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Phosphate finish
- Special steel



		L mm	Count	Weight g
911.5171	M7	100.0	1	40
911.5172	M8	100.0	1	50
911.5173	M9	100.0	1	60
911.5174	M10	100.0	1	70
911.5175	M12	100.0	1	80
911.5176	M13	100.0	1	90
911.5177	M14	100.0	1	100

5/16" CLASSIC BIT SETS

CLASSIC Bit set

- Ideal set compilation for RIBE® screws
- External hexagon drive to DIN 3126 / ISO 1173 form C 8
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Precise arrangement of the popular 5/16" RIBE® bits
- Phosphate finish
- Special steel
- In durable plastic storage case



		L mm	Count	Weight g
911.4306	14 pcs CLASSIC Bit set			0.82
1 x		1/2"		
6 x		M5 - M6 - M7 - M8 - M10 - M12		
7 x		M7 - M8 - M9 - M10 - M12 - M13 - M14		

10 mm CLASSIC BITS 30 mm

CLASSIC bit for slotted screws

- Slotted
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Count	Weight g
930.3015	8.0	30.0	1	40
930.3016	10.0	30.0	1	40

CLASSIC bit for phillips screws PH

- PH
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Count	Weight g
930.3019	PH1	30.0	1	40
930.3017	PH2	30.0	1	40
930.3018	PH3	30.0	1	40

CLASSIC bit for phillips screws PZ

- PZ
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Count	Weight g
930.3020	PZ1	30.0	1	40
930.3021	PZ2	30.0	1	40
930.3022	PZ3	30.0	1	40

CLASSIC bit for hexagon screws

- Hexagon socket
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Count	Weight g
930.1004	4.0	30.0	1	40
930.1005	5.0	30.0	1	40

		L mm	Count	Weight g
930.1006	6.0	30.0	1	40
930.1007	7.0	30.0	1	40
930.1008	8.0	30.0	1	40
930.1010	10.0	30.0	1	40
930.1012	12.0	30.0	1	40

CLASSIC bit for spline screws

- Spline
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Count	Weight g
930.3005	M5	30.0	1	40
930.3006	M6	30.0	1	40
930.3008	M8	30.0	1	40
930.3010	M10	30.0	1	40
930.3012	M12	30.0	1	40

CLASSIC bit for TX screws

- TX
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Count	Weight g
930.2010	T10	30.0	1	40
930.2015	T15	30.0	1	40
930.2020	T20	30.0	1	40
930.2025	T25	30.0	1	40
930.2027	T27	30.0	1	40
930.2030	T30	30.0	1	40
930.2040	T40	30.0	1	40
930.2045	T45	30.0	1	40
930.2050	T50	30.0	1	40
930.2055	T55	30.0	1	40
930.2060	T60	30.0	1	40

CLASSIC bit for TX PLUS screws

- TX PLUS
- With external hexagon drive to DIN 3126 / ISO 1173 Form C 8
- Can be used by hand or with an electric screwdriver
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Count	Weight g
911.3260	IP 40	30.0	1	13
911.3261	IP 45	30.0	1	14
911.3262	IP 50	30.0	1	16
911.3263	IP 55	30.0	1	20
911.3264	IP 60	30.0	1	25

CLASSIC bit for TX tamperproof screws

- For tamperproof TX
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Content	
930.2110	TB10	30,0	1	40
930.2115	TB15	30,0	1	40
930.2120	TB20	30,0	1	40
930.2125	TB25	30,0	1	40
930.2127	TB27	30,0	1	40
930.2130	TB30	30,0	1	40
930.2140	TB40	30,0	1	40
930.2145	TB45	30,0	1	40
930.2150	TB50	30,0	1	40
930.2155	TB55	30,0	1	40
930.2160	TB60	30,0	1	40

CLASSIC bit for tamper proof five star bits

- Five star bit, tamperproof
- With 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Content	
911.3121	TS40	30,0	1	40
911.3122	TS45	30,0	1	40
911.3123	TS50	30,0	1	40
911.3124	TS55	30,0	1	40
911.3125	TS60	30,0	1	40

10 mm CLASSIC BITS 75 mm

CLASSIC bit for hexagon screws

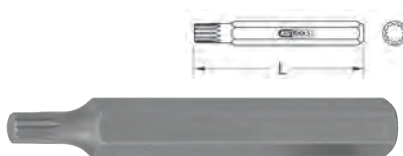
- Hexagon socket
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



	mm	L mm	Content	
975.1004	4,0	75,0	1	70
975.1005	5,0	75,0	1	70
975.1006	6,0	75,0	1	70
975.1007	7,0	75,0	1	70
975.1008	8,0	75,0	1	70
975.1010	10,0	75,0	1	70
975.1012	12,0	75,0	1	70

CLASSIC bit for spline screws

- Spline
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Content	
975.3005	M5	75,0	1	70
975.3006	M6	75,0	1	70
975.3008	M8	75,0	1	70
975.3010	M10	75,0	1	70
975.3012	M12	75,0	1	70

CLASSIC bit for TX screws

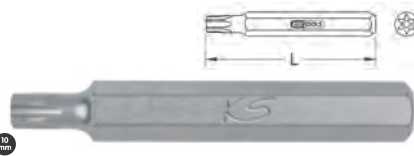
- TX
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Content	
975.2010	T10	75,0	1	70
975.2015	T15	75,0	1	70
975.2020	T20	75,0	1	70
975.2025	T25	75,0	1	70
975.2027	T27	75,0	1	70
975.2030	T30	75,0	1	70
975.2040	T40	75,0	1	70
975.2045	T45	75,0	1	70
975.2050	T50	75,0	1	70
975.2055	T55	75,0	1	70
975.2060	T60	75,0	1	70
975.2075	T70	75,0	1	70

CLASSIC bit for TX tamperproof screws

- For tamperproof TX
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Content	
975.2110	TB10	75,0	1	70
975.2115	TB15	75,0	1	70
975.2120	TB20	75,0	1	70
975.2125	TB25	75,0	1	70
975.2127	TB27	75,0	1	70
975.2130	TB30	75,0	1	70
975.2140	TB40	75,0	1	70
975.2145	TB45	75,0	1	70
975.2150	TB50	75,0	1	70
975.2155	TB55	75,0	1	70
975.2160	TB60	75,0	1	70

10 mm CLASSIC BITS 120 mm

CLASSIC bit for TX screws

- TX
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Sand-blasted
- Special steel



		L mm	Content	
975.4040	T40	120,0	1	80
975.4045	T45	120,0	1	80
975.4050	T50	120,0	1	80
975.4055	T55	120,0	1	80

10 mm CLASSIC BIT SETS

CLASSIC bit set

- Ideal set compilation for TX screws
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Includes 1/2" socket adapter for 10 mm bits
- Ideally suited for fittings in trade and industry
- Reinforced execution
- Precise arrangement of the popular 10 mm TX bits
- Sand-blasted
- Special steel
- In durable metal case



		L mm	Content	
911.5020	15 pcs	CLASSIC bit set		0,58
1 x		1/2" x 10 mm		
7 x		T20 - T25 - T30 - T40 - T45 - T50 - T55		
7 x		T20 - T25 - T30 - T40 - T45 - T50 - T55		

CLASSIC bit set

- Ideal set compilation for hexagon socket screws
- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Includes 1/2" socket adapter for 10 mm bits
- Ideally suited for fi ttings in trade and industry
- Reinforced execution
- Precise arrangement of the popular 10 mm hexagon socket bits
- Sand-blasted
- Special steel
- In durable metal case



911.5040	15 pcs	CLASSIC bit set	0.58
1 x		1/2" x 10 mm	
7 x		4 - 5 - 6 - 7 - 8 - 10 - 12 mm	
7 x		4 - 5 - 6 - 7 - 8 - 10 - 12 mm	

CLASSIC bit set

- Ideal set for spline screws
- With 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Includes 1/2" socket adapter for 10 mm bits
- Ideally suited for fi ttings in trade and industry
- Sand-blasted
- Special steel
- In durable plastic storage case



911.5030	11 pcs	CLASSIC bit set	0.60
1 x		1/2" x 10 mm	
5 x		M5 - M6 - M8 - M10 - M12	
5 x		M5 - M6 - M8 - M10 - M12	

CLASSIC bit set

- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Includes 3/8" + 1/2" socket adapter for 10 mm bits
- Ideally suited for fi ttings in trade and industry
- Reinforced execution
- Precise arrangement of the popular 10 mm bits
- Sand-blasted
- Special steel
- In durable metal case

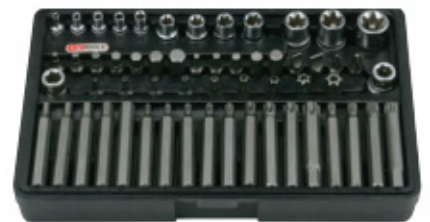


911.4304	42 pcs	CLASSIC bit set	1.60
2 x		3/8" - 1/2"	
7 x		4 - 5 - 6 - 7 - 8 - 10 - 12 mm	
8 x		T20 - T25 - T30 - T40 - T45 - T50 - T55 - T60	
5 x		M5 - M6 - M8 - M10 - M12	
2 x		8 - 10 mm	
2 x		PH2 - PH3	
4 x		5 - 6 - 8 - 10 mm	
8 x		T20 - T25 - T30 - T40 - T45 - T50 - T55 - T60	
4 x		M6 - M8 - M10 - M12	



TX Socket and bit set

- Matt finish
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

911.4305	57 pcs	TX Socket and bit set	2.00
2 x		3/8" x 10mm - 1/2" x 1/4"	
12 x		1/4": E4 - E5 - E6 - E7 - E8; 3/8": E10 - E11 - E12 - E14; 1/2": E16 - E18 - E20	
7 x		4 - 5 - 6 - 7 - 8 - 10 - 12 mm	
9 x		TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55 - TB60	
5 x		M5 - M6 - M8 - M10 - M12	
2 x		8 - 10 mm	
2 x		PH2 - PH3	
5 x		5 - 6 - 7 - 8 - 10 mm	
9 x		T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	
4 x		M6 - M8 - M10 - M12	

CLASSIC bit set

- 10 mm external hexagon
- Can be used by hand, electric screwdriver and impact drivers
- Includes 10 mm reversing ratchet
- Ideally suited for fi ttings in trade and industry
- Reinforced execution
- Precise arrangement of the popular 10 mm bits and sockets
- Sand-blasted
- Special steel
- In durable ABS storage case



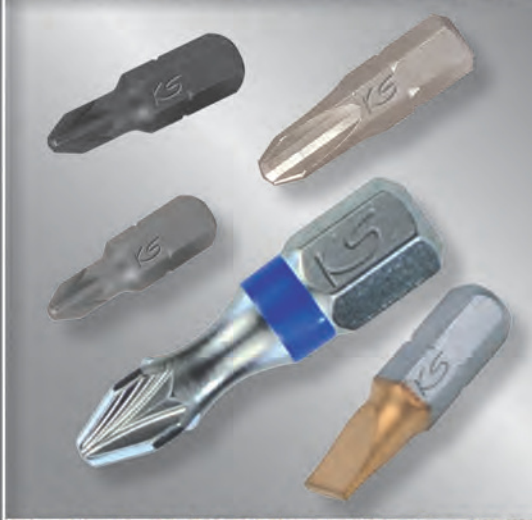
911.4310	37 pcs	CLASSIC bit set	1.60
1 x		10 mm	
6 x		5 - 6 - 7 - 8 - 10 - 12 mm	
8 x		TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55	
5 x		M5 - M6 - M8 - M10 - M12	
2 x		PH2 - PH3	
8 x		T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55	
4 x		M6 - M8 - M10 - M12	
3 x		T40 - T45 - T50	



KS TOOLS[®]

Innovation is
our mission!

BITS



MICRO

CLASSIC

TORION *power*

TIN Bits



HEXAGON KEY WRENCHES



Innovation is
our mission!

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HEXAGON KEY WRENCHES **Composition**

Hexagon key wrenches

- Wrench with a narrow bend radius drawn out hexagon profil
- Wrench made of S2 special steel - continuous hardened and matt chrome finis
- Precision finished according to DIN/ISO
- Surface finished in matt chrome
- Extra long execution for high leverage
- Ball head with a working angle of up to 20° which allows working in narrow areas



Folding holder

- Hanger for storage
- Foldable through 270° - pivot mechanism
- Perfect for mobile use

2 Component handle

- Hard blue core with soft black component with micro structured surface
- Blade surface chrome plated and mirror polished



T handle wrench

- Wrench made of S2 special steel - continuous hardened and matt chrome finish
- Black blade tip for high precision

2 Component handle

- Hard blue core with soft black component with micro structured surface
- Blade surface finished in matt chrome
- Hanging eyelet



Surfaces

Phosphate



- Phosphating = chemical /electro-chemical process
- Dip coating or spraying method
- Intention is the generation of phosphate layer, which is immovable on the base metal
- The surface receives therefore a very good absorption capacity for oil and wax
- Reliable corrosion protection
- To be bound to phosphated tools when oiled

Nickel plated



- The chrome layer is manufactured by electroplating in a electro bath process
- There are several steps that are passed through
- Nickel offers a very good corrosion protection and is resistant against air, water, diluted acids and most treatments of alkaline solution.
- The light gold optics are typical

Profiles

6 point



6 point ball head



Five star with tamper-proof



TX



TX with ball head



TXB



RIBE



XZN



Hexagon key wrench profil

CLASSIC

- Surface finished in matt chrome
- Blade manufactured from S2 special steel
- Precision finished according to DIN/ISO

CHROME^{plus}

- Surface finished in mirror or polished chrome
- 2 Component handle
- Black/Blue
- Handle with hanging eyelet
- Blade manufactured from S2 special steel
- Precision finished according to DIN/ISO

Holder

System holder



Round holder 3 in 1



Multi handle holder 3 in 1



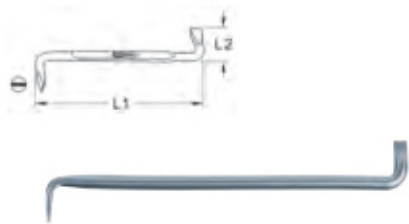
Folding holder



OFFSET SCREWDRIVER

Offset screwdriver, slotted

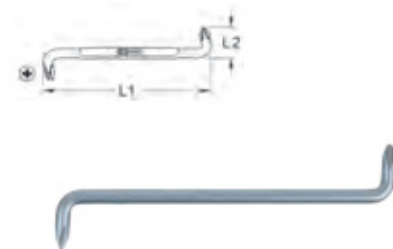
- Short execution
- DIN / ISO 8764
- Continuous hardened
- Matt chrome
- Special steel



	D mm	L1 mm	L2 mm	W
151.2674	3,5	90,0	12,4	10
151.2675	4,0	100,0	15,3	12
151.2676	5,5	125,0	20,4	25
151.2677	8,0	150,0	24,8	50
151.2678	10,0	175,0	32,8	135
151.2679	12,0	200,0	42,4	228

Offset screwdriver, PH

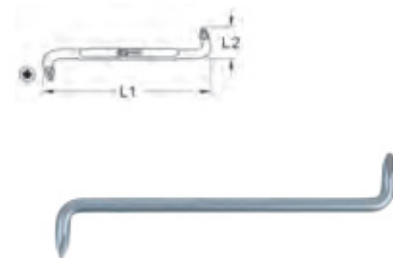
- Short execution
- DIN / ISO 8764
- Continuous hardened
- Matt chrome
- Special steel



		L1 mm	L2 mm	W
151.2680	PH 1 - PH 2	100,0	25,4	40
151.2681	PH 2 - PH 3	150,0	33,1	77
151.2682	PH 3 - PH 4	200,0	38,6	77

Offset screwdriver, PZ

- Short execution
- DIN / ISO 8764
- Continuous hardened
- Matt chrome
- Special steel



		L1 mm	L2 mm	W
151.2683	PZ 1 - PZ 2	125,0	24,4	40
151.2684	PZ 3 - PZ 4	200,0	37,9	156

HEXAGON KEY WRENCHES

Hexagon key wrench

- Short execution
- In accordance to DIN / ISO 2936
- Continuous hardened
- Phosphate finish
- Special steel



	W mm	W mm	L1 mm	L2 mm	W
151.26007	0,7		33,0	7,0	10
151.26009	0,9		33,0	11,0	10
151.26013	1,3		41,0	13,0	10
151.26015	1,5		46,5	15,5	10
151.2602	2,0		52,0	18,0	10
151.26025	2,5		58,5	20,5	10
151.2603	3,0		66,0	23,0	10
151.26035	3,5		69,5	25,5	10
151.2604	4,0		74,0	29,0	10
151.26045	4,5		80,0	30,5	20
151.2605	5,0		85,0	33,0	20
151.26055	5,5		90,0	35,0	20
151.2606	6,0		96,0	38,0	30
151.2607	7,0		102,0	41,0	40
151.2608	8,0		108,0	44,0	60
151.2609	9,0		114,0	47,0	80
151.2610	10,0		122,0	50,0	110
151.2611	11,0		129,0	53,0	150
151.2612	12,0		137,0	57,0	170
151.2613	13,0		145,0	63,0	250
151.2614	14,0		154,0	70,0	270
151.2616	16,0		168,0	76,0	400
151.2617	17,0		177,0	80,0	440
151.2618	18,0		188,0	84,0	600
151.2619	19,0		199,0	89,0	630
151.2621	21,0		211,0	96,0	700
151.2622	22,0		222,0	102,0	750
151.2624	24,0		248,0	114,0	820
151.2650	27,0		277,0	127,0	1802
151.2651	30,0		315,0	142,0	2522
151.2652	32,0		347,0	157,0	3175
151.2653	36,0		391,0	176,0	4521
151.2654		3/64"	45,0	14,0	10
151.2630		1/32"	45,0	14,0	10
151.2631		1/16"	45,0	15,0	10
151.2632		5/64"	50,0	16,0	10
151.2633		3/32"	51,0	17,0	10
151.2634		7/64"	54,0	20,0	10
151.2635		1/8"	57,0	22,0	10
151.2636		9/64"	63,0	23,0	10
151.2637		5/32"	65,0	25,0	10
151.2638		3/16"	70,0	29,0	20
151.2639		7/32"	80,0	32,0	30
151.2640		1/4"	87,0	32,0	40
151.2655		9/32"	95,0	35,0	43
151.2641		5/16"	98,0	40,0	80
151.2642		3/8"	110,0	45,0	110
151.2643		7/16"	124,0	48,0	130
151.2644		1/2"	133,0	50,0	150
151.2645		9/16"	152,0	57,0	250
151.2646		5/8"	160,0	59,0	400
151.2647		3/4"	180,0	70,0	620
151.2648		7/8"	200,0	80,0	740
151.2649		1"	248,0	114,0	820



Hexagon key wrench

- Short execution
- DIN / ISO 2936
- Continuous hardened
- Matt chrome
- Special steel



	W mm	W mm	L1 mm	L2 mm	W
151.20213	1,3		41,0	13,0	10
151.20215	1,5		46,5	15,5	10
151.2022	2,0		52,0	18,0	10
151.20225	2,5		58,5	20,5	10
151.2023	3,0		66,0	23,0	10
151.20235	3,5		69,5	25,5	10
151.2024	4,0		74,0	29,0	10
151.20245	4,5		80,0	30,5	10
151.2025	5,0		85,0	33,0	20
151.20255	5,5		90,0	35,0	20
151.2026	6,0		96,0	38,0	30
151.2027	7,0		102,0	41,0	40
151.2028	8,0		108,0	44,0	60
151.2029	9,0		114,0	47,0	80
151.2030	10,0		122,0	50,0	110
151.2031	12,0		137,0	57,0	170
151.2038	13,0		145,0	63,0	250
151.2032	14,0		154,0	70,0	270
151.2039	16,0		168,0	76,0	400
151.2033	17,0		177,0	80,0	440
151.2034	19,0		199,0	89,0	630
151.2036	22,0		222,0	102,0	750
151.2082		1/16"	45,0	15,0	10
151.2083		5/64"	50,0	16,0	10
151.2084		3/32"	51,0	17,0	10
151.2085		7/64"	54,0	20,0	10
151.2086		1/8"	57,0	22,0	10
151.2087		9/64"	63,0	23,0	10
151.2088		5/32"	65,0	25,0	10
151.2089		3/16"	70,0	29,0	20
151.2090		7/32"	80,0	32,0	30
151.2091		1/4"	87,0	32,0	40
151.2092		5/16"	98,0	40,0	80
151.2093		3/8"	110,0	45,0	110
151.2094		7/16"	124,0	48,0	130
151.2095		1/2"	133,0	50,0	150
151.2096		9/16"	152,0	57,0	250
151.2097		5/8"	160,0	59,0	400
151.2098		3/4"	180,0	70,0	620
151.2099		7/8"	200,0	80,0	740

Hexagon key wrench, long

- Long execution
- In accordance to DIN ISO 2936
- Continuous hardened
- Phosphate finish
- Special steel



	W mm	W mm	L1 mm	L2 mm	W
151.27013	1,3		70,0	15,0	10
151.27015	1,5		75,0	15,0	10
151.2702	2,0		83,0	17,0	10
151.27025	2,5		90,0	20,0	10

	mm		L1 mm	L2 mm	g
151.2703	3,0		97,0	20,0	10
151.27035	3,5		100,0	22,0	10
151.2704	4,0		110,0	27,0	20
151.27045	4,5		116,0	26,0	30
151.2705	5,0		122,0	29,0	30
151.2706	6,0		140,0	34,0	40
151.2707	7,0		151,0	36,0	60
151.2708	8,0		162,0	38,0	80
151.2709	9,0		170,0	40,0	110
151.2710	10,0		185,0	45,0	150
151.2656	11,0		210,0	51,0	240
151.2712	12,0		217,0	56,0	250
151.2714	14,0		240,0	65,0	390
151.2717	17,0		200,0	69,0	620
151.2719	19,0		210,0	77,0	880
151.2720		1/16"	75,0	16,0	10
151.2721		5/64"	82,0	17,0	10
151.2722		3/32"	90,0	18,0	10
151.2723		7/64"	93,0	20,0	10
151.2724		1/8"	103,0	24,0	10
151.2725		9/64"	100,0	23,0	10
151.2726		5/32"	111,0	26,0	10
151.2727		3/16"	120,0	25,0	20
151.2728		7/32"	129,0	32,0	30
151.2729		1/4"	139,0	36,0	40
151.2730		5/16"	163,0	40,0	80
151.2731		3/8"	180,0	44,0	110
151.2732		1/2"	192,0	58,0	150
151.2733		9/16"	194,0	62,0	250
151.2734		5/8"	200,0	63,0	390
151.2735		3/4"	210,0	78,0	620

Hexagon key wrench, long

- Long execution
- DIN / ISO 2936
- Continuous hardened
- Matt chrome
- Special steel



	mm		L1 mm	L2 mm	g
151.20413	1,3		63,5	13,0	10
151.20415	1,5		63,5	15,5	10
151.2042	2,0		77,0	18,0	10
151.20425	2,5		87,5	20,5	10
151.2043	3,0		93,0	23,0	10
151.20435	3,5		98,5	25,5	10
151.2044	4,0		104,0	29,0	10
151.20445	4,5		114,5	30,5	20
151.2045	5,0		120,0	33,0	30
151.20455	5,5		128,0	35,0	30
151.2046	6,0		141,0	38,0	40
151.2047	7,0		147,0	41,0	60
151.2048	8,0		158,0	44,0	80
151.2049	9,0		169,0	47,0	110
151.2050	10,0		180,0	50,0	150
151.2052	12,0		202,0	57,0	250
151.2054	14,0		229,0	70,0	390
151.2057	17,0		262,0	80,0	620
151.2059	19,0		290,0	89,0	880
151.2061		1/16"	63,0	15,5	10
151.2062		5/64"	77,0	18,0	10
151.2063		3/32"	87,5	20,5	10
151.2064		7/64"	93,0	23,0	10
151.2065		1/8"	93,0	23,0	10
151.2066		9/64"	98,5	25,5	10
151.2067		5/32"	104,0	29,0	10
151.2068		3/16"	120,0	33,0	20
151.2069		7/32"	128,0	35,0	30
151.2071		1/4"	141,0	38,0	40
151.2072		5/16"	158,0	44,0	80
151.2073		3/8"	180,0	50,0	110
151.2074		1/2"	202,0	57,0	150
151.2075		9/16"	229,0	70,0	250
151.2076		5/8"	240,0	76,0	390
151.2077		3/4"	290,0	89,0	620

Hexagon key wrench, extra long

- Extra long execution
- In accordance to DIN / ISO 2936
- Continuous hardened
- Phosphate finish
- Special steel



	mm		L1 mm	L2 mm	g
151.28015	1,5		91,5	15,5	10
151.2802	2,0		102,0	18,0	10
151.28025	2,5		114,5	20,5	10
151.2803	3,0		129,0	23,0	10
151.2804	4,0		144,0	29,0	20
151.2805	5,0		156,0	30,5	30
151.28055	5,5		165,0	33,0	40
151.2806	6,0		186,0	38,0	50
151.2807	7,0		197,0	41,0	80
151.2808	8,0		208,0	44,0	100
151.2657	9,0		219,0	47,0	110
151.2810	10,0		234,0	50,0	180
151.2812	12,0		262,0	57,0	290
151.2814	14,0		294,0	70,0	460
151.2817	17,0		337,0	80,0	750
151.2819	19,0		360,0	89,0	1070
151.2820		1/16"	91,0	15,5	10
151.2821		5/64"	102,0	18,0	10
151.2822		3/32"	114,5	20,5	10
151.2823		1/8"	129,0	23,0	20
151.2824		5/32"	144,0	29,0	20
151.2825		3/16"	156,0	30,5	30
151.2826		1/4"	186,0	38,0	50
151.2827		5/16"	208,0	44,0	80
151.2828		3/8"	234,0	50,0	150
151.2829		1/2"	267,0	63,0	300
151.2830		9/16"	294,0	70,0	460

Hexagon key wrench, extra long

- Extra long execution
- DIN / ISO 2936
- Continuous hardened
- Matt chrome
- Special steel



	mm		L1 mm	L2 mm	g
151.31315	1,5		91,5	15,5	10
151.3132	2,0		102,0	18,0	10
151.31325	2,5		114,5	20,5	10
151.3133	3,0		129,0	23,0	10
151.3134	4,0		144,0	29,0	20
151.3135	5,0		156,0	30,5	30
151.3136	6,0		186,0	38,0	50
151.3137	7,0		197,0	41,0	80
151.3138	8,0		208,0	44,0	100
151.2658	9,0		219,0	47,0	143
151.3140	10,0		234,0	50,0	180
151.3142	12,0		262,0	57,0	290
151.3144	14,0		294,0	70,0	460
151.3147	17,0		337,0	80,0	750
151.3149	19,0		360,0	89,0	1070
151.3150		1/16"	91,0	15,5	10
151.3151		5/64"	102,0	18,0	10
151.3152		3/32"	114,5	20,5	10
151.3153		1/8"	129,0	23,0	20
151.3154		5/32"	144,0	29,0	20
151.3155		3/16"	156,0	30,5	30
151.3170		7/32"	165,0	33,0	40
151.3156		1/4"	186,0	38,0	50
151.3157		5/16"	208,0	44,0	80
151.3158		3/8"	234,0	50,0	180
151.3159		1/2"	267,0	63,0	300
151.3160		9/16"	294,0	70,0	460

HEXAGON KEY WRENCH SETS

CHROMEplus® Hexagon key wrench set

- In accordance to DIN / ISO 2936
- Continuous hardened
- Chrome plated and mirror polished
- Special steel
- In a durable folding holder with two component housing



158.3540	8 pcs	2,5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm	440
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Hexagon key wrench set in a folding holder

- Short execution
- DIN / ISO 2936
- Continuous hardened
- Matt chrome
- Special steel



151.3210	9 pcs	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	260
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3 in 1 Hexagon key wrench set

- Short execution
- DIN / ISO 2936
- Continuous hardened
- Handle with double function (holder / T-handle)
- Matt chrome
- Special steel
- In a folding holder with two component handle



920.2000	10 pcs	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm	350
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3 in 1 Hexagon key wrench set

- Short execution
- DIN / ISO 2936
- Imperial sizes
- Continuous hardened
- Handle with double function (holder / T-handle)
- Matt chrome
- Special steel
- In a folding holder with two component handle



920.2050	10 pcs	1/16" - 5/64" - 3/32" - 1/8" - 5/32" - 3/16" - 7/32" - 1/4" - 5/16" - 3/8"	500
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Hexagon key wrench set on a ring

- In accordance to DIN / ISO 2936
- Storage ring
- Continuous hardened
- Phosphate finish
- Special steel



151.3250	8 pcs	2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm	330

3 in 1 Hexagon key wrench set

- Long execution
- DIN / ISO 2936
- Handle with double function (holder / T-handle)
- Continuous hardened
- Matt chrome
- Special steel



151.2040	8 pcs	2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm	340

3 in 1 Hexagon key wrench set

- Long execution
- DIN / ISO 2936
- Imperial sizes
- Handle with double function (holder / T-handle)
- Continuous hardened
- Matt chrome
- Special steel



151.2070	8 pcs	5/64" - 3/32" - 1/8" - 5/32" - 3/16" - 1/4" - 5/16" - 3/8"	360

3 in 1 Hexagon key wrench set

- Long execution
- DIN / ISO 2936
- Continuous hardened
- Handle with double function (holder / T-handle)
- Matt chrome
- Special steel
- In a folding holder with two component handle



920.2100	10 pcs	1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm	700

3 in 1 Hexagon key wrench set

- Long execution
- DIN / ISO 2936
- Imperial sizes
- Continuous hardened
- Handle with double function (holder / T-handle)
- Matt chrome
- Special steel
- In a folding holder with two component handle



920.2150	10 pcs	1/16" - 5/64" - 3/32" - 1/8" - 5/32" - 3/16" - 7/32" - 1/4" - 5/16" - 3/8"	800

3 in 1 Hexagon key wrench set

- Extra long execution
- DIN / ISO 2936
- Handle with double function (holder / T handle)
- Continuous hardened
- Matt chrome
- Special steel



151.2080	8 pcs	2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm	420

3 in 1 Hexagon key wrench set

- Extra long execution
- DIN / ISO 2936
- Continuous hardened
- Handle with double function (holder / T-handle)
- Matt chrome
- Special steel
- In a folding holder with two component handle



920.2300	10 pcs	1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm	800

3 in 1 Hexagon key wrench set

- Extra long execution
- DIN / ISO 2936
- Imperial sizes
- Continuous hardened
- Handle with double function (holder / T-handle)
- Matt chrome
- Special steel
- In a folding holder with two component handle



920.2350	10 pcs	1/16" - 5/64" - 3/32" - 1/8" - 5/32" - 3/16" - 7/32" - 1/4" - 5/16" - 3/8"	800

HEXAGON SOCKET KEY WRENCH DISPLAYS

CHROMEplus® Hexagon key wrench display

- In accordance to DIN / ISO 2936
- Continuous hardened
- Chrome plated and mirror polished
- Special steel
- In a durable folding holder with two component housing



158.3540D	12 pcs	12 x 158.3540	4.98

3 in 1 Hexagon key wrench display

- Long execution
- DIN / ISO 2936
- Handle with double function (holder / T-handle)
- Continuous hardened
- Matt chrome
- Special steel



151.2040D	24 pcs	24 x 151.2040	9.00

3 in 1 Hexagon key wrench display

- Long execution
- DIN / ISO 2936
- Imperial sizes
- Handle with double function (holder / T handle)
- Continuous hardened
- Matt chrome
- Special steel



151.2070D	24 pcs	24 x 151.2070	9.00

3 in 1 Hexagon key wrench display

- Extra long execution
- DIN / ISO 2936
- Handle with double function (holder / T handle)
- Continuous hardened
- Matt chrome
- Special steel



151.20800	18 pcs	18 x 151.2080	8.00
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BALL ENDED HEXAGON KEY WRENCHES

Ball ended hexagon key wrench, short

- Short execution
- DIN / ISO 2936
- Ball head on the long end
- Ideal for difficult to access screws
- Continuous hardened
- Matt chrome
- Special steel



	mm	L1 mm	L2 mm	g
151.21615	1,5	46,5	15,5	10
151.2162	2,0	52,0	18,0	10
151.21625	2,5	58,5	20,5	10
151.2163	3,0	66,0	23,0	10
151.2164	4,0	74,0	29,0	10
151.2165	5,0	85,0	33,0	20
151.2166	6,0	96,0	38,0	30
151.2168	8,0	108,0	44,0	60
151.2170	10,0	122,0	50,0	110
151.2172	12,0	137,0	57,0	170
151.2174	14,0	154,0	70,0	270

Ball ended hexagon key wrench, long

- Long execution
- In accordance to DIN / ISO 2936
- Ball head on the long end
- Ideal for difficult to access screws
- Continuous hardened
- Phosphate finish
- Special steel



	mm	L1 mm	L2 mm	g
151.29013	1,3	63,5	13,0	10
151.29015	1,5	63,5	15,5	10
151.2902	2,0	77,0	18,0	10
151.29025	2,5	87,5	20,5	10
151.2903	3,0	93,0	23,0	10
151.29035	3,5	98,5	25,5	10
151.2904	4,0	104,0	29,0	10
151.29045	4,5	114,5	30,5	10
151.2905	5,0	120,0	33,0	30
151.29055	5,5	128,0	35,0	30
151.2906	6,0	141,0	38,0	40
151.2907	7,0	147,0	41,0	40
151.2908	8,0	158,0	44,0	80
151.2910	10,0	180,0	50,0	150
151.2912	12,0	202,0	57,0	250
151.2914	14,0	229,0	70,0	260
151.2920	1/16"	63,5	15,5	10
151.2921	5/64"	77,0	18,0	10
151.2922	3/32"	87,5	20,5	10
151.2923	7/64"	93,0	23,0	10
151.2924	1/8"	93,0	23,0	20
151.2925	9/64"	98,5	25,5	20
151.2926	5/32"	104,0	29,0	30
151.2927	3/16"	120,0	33,0	30
151.2928	7/32"	128,0	35,0	30
151.2929	1/4"	141,0	38,0	50
151.2930	5/16"	158,0	44,0	50
151.2931	3/8"	180,0	50,0	140
151.2932	1/2"	202,0	57,0	160
	9/16"	229,0	70,0	270

Ball ended hexagon key wrench, long

- Long execution
- DIN / ISO 2936
- Ball head on the long end
- Ideal for difficult to access screws
- Continuous hardened
- Matt chrome
- Special steel



	mm	L1 mm	L2 mm	g
151.21013	1,3	63,5	13,0	10
151.21015	1,5	63,5	15,5	10
151.2102	2,0	77,0	18,0	10
151.21025	2,5	87,5	20,5	10
151.2103	3,0	93,0	23,0	10
151.21035	3,5	98,5	25,5	10
151.2104	4,0	104,0	29,0	10
151.21045	4,5	114,5	30,5	10
151.2105	5,0	120,0	33,0	30
151.21055	5,5	128,0	30,0	30
151.2106	6,0	141,0	38,0	40
151.2107	7,0	147,0	41,0	40
151.2108	8,0	158,0	44,0	80
151.2110	10,0	180,0	50,0	150
151.2112	12,0	202,0	57,0	250
151.2114	14,0	229,0	70,0	260
151.2131	1/16"	63,5	15,5	10
151.2132	5/64"	77,0	18,0	10
151.2133	3/32"	87,5	20,5	10
151.2134	7/64"	93,0	23,0	10
151.2135	1/8"	93,0	23,0	20

	mm	L1 mm	L2 mm	g
151.2136	9/64"	98,5	25,5	20
151.2137	5/32"	104,0	29,0	30
151.2138	3/16"	120,0	33,0	30
151.2139	7/32"	128,0	35,0	30
151.2140	1/4"	141,0	38,0	50
151.2141	5/16"	158,0	44,0	50
151.2142	3/8"	180,0	50,0	140
151.2143	1/2"	202,0	57,0	160
151.2144	9/16"	229,0	70,0	270

Ball ended hexagon key wrench, extra long

- Extra long execution
- In accordance to DIN / ISO 2936
- Ball head on the long end
- Ideal for difficult to access screws
- Continuous hardened
- Phosphate finish
- Special steel



	mm	L1 mm	L2 mm	g
151.30013	1,3	81,0	13,0	10
151.30015	1,5	91,5	15,5	10
151.3002	2,0	102,0	18,0	10
151.30025	2,5	114,5	20,5	20
151.3003	3,0	129,0	23,0	20
151.30035	3,5	140,0	25,5	20
151.3004	4,0	144,0	29,0	20
151.30045	4,5	156,0	30,5	20
151.3005	5,0	165,0	33,0	30
151.30055	5,5	165,0	33,0	40
151.3006	6,0	186,0	38,0	50
151.3007	7,0	197,0	41,0	60
151.3008	8,0	208,0	44,0	80
151.3010	10,0	234,0	50,0	150
151.3012	12,0	262,0	57,0	250
151.3014	14,0	294,0	70,0	350
151.3017	17,0	337,0	80,0	350
151.3019	19,0	360,0	89,0	400
151.3020	1/16"	91,0	15,5	10
151.3021	5/64"	102,0	18,0	10
151.3022	3/32"	114,5	20,5	10
151.3023	7/64"	129,0	23,0	30
151.3024	1/8"	129,0	23,0	50
151.3025	9/64"	140,0	25,5	50
151.3026	5/32"	144,0	29,0	80
151.3027	3/16"	156,0	30,5	120
151.3028	7/32"	165,0	33,0	150
151.3029	1/4"	186,0	38,0	180
151.3030	5/16"	208,0	35,0	200
151.3031	3/8"	234,0	50,0	220
151.3032	1/2"	267,0	63,0	250
151.3033	9/16"	294,0	70,0	350

Ball ended hexagon key wrench, extra long

- Extra long execution
- DIN / ISO 2936
- Ball head on the long end
- Ideal for difficult to access screws
- Continuous hardened
- Matt chrome
- Special steel



	mm	L1 mm	L2 mm	g
151.31013	1,3	81,0	13,0	10
151.31015	1,5	91,5	15,5	10
151.3102	2,0	102,0	18,0	10
151.31025	2,5	114,5	20,5	10
151.3103	3,0	129,0	23,0	10
151.3104	4,0	144,0	29,0	20
151.3105	5,0	165,0	33,0	30
151.31055	5,5	165,0	33,0	40

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