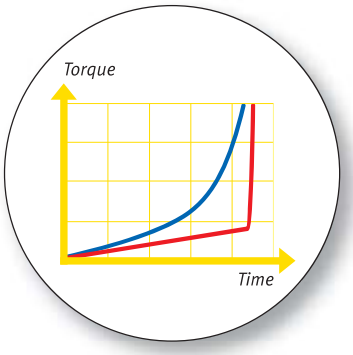
Wiha Torsion bit.

Patented torsion zone for longer service life.



The red line indicates the steep increase in torque with hard applications, e.g. in metal.

The blue line shows a steady torque increase in soft applications, e.g. in wood working.

The main cause of wear with soft fastening applications such as in wood for example is the wear of the profile edges because the bit rattles through. A hard bit needs to be used here: Wiha HOT.

With hard fastening jobs such as hitting metal surfaces the main reason for wear is breakage of the bits. These usually occur with torque peaks near to the end of the fastening process. A tough-but-flexible bit is the answer: Wiha ZOT.

The special assortment of Wiha torsion bits with torsion zones offers optimal products for both soft and hard fastening tasks.

Wiha Torsion bit.

Wiha ZOT Torsion bits

- Tough, hard Torsion quality for **hard applications**
- Ideal for screw applications in metal and hard materials
- Elastic Torsion zone absorbs the strong torque peaks in the final phase of the application (red line)
- Highly resistant to wear and tear due to special heat treatment
- Hardness 61-2 HRC.
- For trade and DIY

Wiha HOT Torsion bits

- Extra hard Torsion quality for **soft applications**
- Ideal for screw applications in wood and soft materials
- Average requirements concerning elasticity are used to optimise performance and resistance to wear and tear (blue line)
- Hardness 63-2 HRC.
- For trade and DIY

Wiha TiN Torsions bits

- Tough, hard Torsion quality with very hard **titanium-nitride (TiN)** coating
- Optimum resistance to wear and tear due to very hard TiN coating
- Combines the advantages of Wiha HOT bits and ZOT bits in one outstanding bit
- For trade and DIY, especially for industry

Style C 6.3 (1/4").

7010 TiN **TiN Torsion bit, slotted, style C 6.3.**

Material: High grade chrome-vanadium steel, through hardened.
Geometry: Torsion zone for protecting against premature breakage of bits under load.
Coating: Titanium nitride for extended tool life.
Drive: DIN 3126, ISO 1173, style C 6.3.
Application: Particularly suitable for screws that require frequent working.

Order-No.				
04743	4.5	25	0.6	10
04744	5.5	25	0.8	10
04745	6.5	25	1.2	10
04746	8.0	25	1.2	10

7011 TiN **TiN Torsion bit, Phillips, style C 6.3.**

Material: Patented torsion zone to prevent premature breaking of the bit when under stress.
Coating: DIN 3126, ISO 1173, style C 6.3.

Order-No.			
04654	PH1	25	10
04655	PH2	25	10
04656	PH3	25	10

7012 TiN **TiN Torsion bit, Pozidriv, style C 6.3.**

Material: Patented torsion zone to prevent premature breaking of the bit when under stress.
Coating: DIN 3126, ISO 1173, style C 6.3.

Order-No.			
04657	PZ1	25	10
04658	PZ2	25	10
04659	PZ3	25	10

7015 TiN **TiN Torsion bit, TORX®, style C 6.3.**

Material: Torsion zone for protecting against premature breakage of bits under load.
Coating: DIN 3126, ISO 1173, style C 6.3.

Order-No.			
20964	T6	25	10
20966	T7	25	10
20968	T8	25	10
20970	T9	25	10
20972	T10	25	10
20974	T15	25	10
20976	T20	25	10
20978	T25	25	10
20980	T27	25	10
20982	T30	25	10
20984	T40	25	10

Style E 6.3 (1/4").

7041 TiN **TiN Torsion bit, Phillips, style E 6.3.**

Material: High grade chrome-vanadium steel, through hardened.
Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.
Coating: Titanium nitride for extended tool life.
Drive: DIN 3126, ISO 1173, style E 6.3.
Application: Particularly suitable for screws that require frequent working.

Order-No.			
04861	PH1	50	5
04862	PH2	50	5
04863	PH3	50	5

7042 TiN **TiN Torsion bit, Pozidriv, style E 6.3.**

Material: High grade chrome-vanadium steel, through hardened.
Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.
Coating: Titanium nitride for extended tool life.
Drive: DIN 3126, ISO 1173, style E 6.3.
Application: Particularly suitable for screws that require frequent working.

Order-No.			
04864	PZ1	50	5
04865	PZ2	50	5
04866	PZ3	50	5

Wiha Torsion bit.

Patented torsion zone for longer service life.

Style C 6.3 (1/4").

7010 HOT **HOT Torsion bit, slotted, style C 6.3.**

Material: High-grade chrome-vanadium steel, through-hardened, extra-hard.
Geometry: Torsion zone for protecting against premature breakage of bits under load.
Drive: DIN 3126, ISO 1173, style C 6.3.
Application: Particularly suitable for turning screws in wood and soft materials.

Order-No.				
05295	5.5	25	0.8	10
05296	6.5	25	1.2	10

7011 HOT **HOT Torsion bit, Phillips, style C 6.3.**

Material: High-grade chrome-vanadium steel, through-hardened, extra-hard.
Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.
Drive: DIN 3126, ISO 1173, style C 6.3.

Order-No.				
04486	PH1	25		10
04485	PH2	25		10
04484	PH3	25		10

7012 HOT **HOT Torsion bit, Pozidriv, style C 6.3.**

Material: High-grade chrome-vanadium steel, through-hardened, extra-hard.
Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.
Drive: DIN 3126, ISO 1173, style C 6.3.

Order-No.				
04483	PZ1	25		10
04482	PZ2	25		10
04481	PZ3	25		10

7015 HOT **HOT Torsion bit, TORX®, style C 6.3.**

Material: High-grade chrome-vanadium steel, through-hardened, extra-hard.
Geometry: Torsion zone for protecting against premature breakage of bits under load.
Drive: DIN 3126, ISO 1173, style C 6.3.

Order-No.				
31815	T10	25		10
31816	T15	25		10
31817	T20	25		10
31818	T25	25		10
31819	T30	25		10
31820	T40	25		10

Style E 6.3 (1/4").

7041 HOT **HOT Torsion bit, Phillips, style E 6.3.**

Material: High-grade chrome-vanadium steel, through-hardened, extra-hard.
Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.
Drive: DIN 3126, ISO 1173, style E 6.3.
Application: Particularly suitable for turning screws in wood and soft materials.

Order-No.			
04544	PH1	50	5
04543	PH2	50	5
04542	PH3	50	5

7042 HOT **HOT Torsion bit, Pozidriv, style E 6.3.**

Material: High-grade chrome-vanadium steel, through-hardened, extra-hard.
Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.
Drive: DIN 3126, ISO 1173, style E 6.3.
Application: Particularly suitable for turning screws in wood and soft materials.

Order-No.			
04550	PZ1	50	5
04549	PZ2	50	5
04548	PZ3	50	5

7045 HOT **HOT Torsion bit, TORX®, style E 6.3.**

Material: High-grade chrome-vanadium steel, through-hardened, extra-hard.
Geometry: Torsion zone for protecting against premature breakage of bits under load.
Drive: DIN 3126, ISO 1173, style E 6.3.
Application: Particularly suitable for turning screws in wood and soft materials.

Order-No.			
33666	T10	50	5
33667	T15	50	5
33668	T20	50	5
33669	T25	50	5
33670	T30	50	5
33671	T40	50	5

Wiha Torsion bit.

Patented torsion zone for longer service life.

Style C 6.3 (1/4").

7010 ZOT ZOT Torsion bit, slotted, style C 6.3.

Material: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Geometry: Torsion zone for protecting against premature breakage of bits under load.
Drive: DIN 3126, ISO 1173, style C 6.3.
Application: Particularly suitable for turning screws in metal and hard materials.

Order-No.				
05288	4.5	25	0.6	10
05289	5.5	25	0.8	10
05290	5.5	25	1.0	10
05292	6.5	25	1.2	10
05293	8.0	25	1.2	10

7011 ZOT ZOT Torsion bit, Phillips, style C 6.3.

Material: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.

Order-No.			
05299	PH1	25	10
05076	PH2	25	10
05077	PH3	25	10

7011 ZOT L ZOT Torsion bit, Phillips, style C 6.3.

Material: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.

Order-No.			
04699	PH1	50	10
04697	PH2	50	10
04695	PH3	50	10

7011 ACR ACR® Torsion bit, Phillips, style C 6.3.

Material: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.
Drive: DIN 3126, ISO 1173, style C 6.3.
Extra: Anti-Cam-Out ribs ensure a secure grip in the screw and good force transfer.

Order-No.			
04919	PH1	25	10
04920	PH2	25	10
04921	PH3	25	10

Style C 6.3 (1/4").

7012 ZOT ZOT Torsion bit, Pozidriv, style C 6.3.

Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.

Order-No.			
05074	PZ1	25	10
05075	PZ2	25	10
05069	PZ3	25	10

7012 ZOT L ZOT Torsion bit, Pozidriv, style C 6.3.

Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.

Order-No.			
04693	PZ1	50	10
04691	PZ2	50	10
04689	PZ3	50	10

7012 ACR ACR® Torsion bit, Pozidriv, style C 6.3.

Geometry: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Extra: Anti-Cam-Out ribs ensure a secure grip in the screw and good force transfer.

Order-No.			
04922	PZ1	25	10
04923	PZ2	25	10
04924	PZ3	25	10

7015 ZOT ZOT Torsion bit, TORX®, style C 6.3.

Material: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Geometry: Torsion zone for protecting against premature breakage of bits under load.

Order-No.			
20940	T6	25	10
20942	T7	25	10
20945	T8	25	10
20946	T9	25	10
20948	T10	25	10
20950	T15	25	10
20952	T20	25	10
20954	T25	25	10
20956	T27	25	10
20958	T30	25	10
20960	T40	25	10

Wiha Torsion bit.

Patented torsion zone for longer service life.

Style C 6.3 and E 6.3 (1/4").

7019 ZOT TW **ZOT Torsion bit, Tri-Wing®, style C 6.3.**

Material: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Geometry: Torsion zone for protecting against premature breakage of bits under load.
Drive: DIN 3126, ISO 1173, style C 6.3.
Application: For Tri-Wing® security screws.

Order-No.			
22603	0	25	10
22604	1	25	10
22605	2	25	10
22606	3	25	10
22607	4	25	10
22608	5	25	10

7019 ZOT TS **ZOT Torsion bit, Torq-Set®, style C 6.3.**

Material: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Geometry: Torsion zone for protecting against premature breakage of bits under load.
Drive: DIN 3126, ISO 1173, style C 6.3.
Application: For Torq-Set® security screws.

Order-No.			
27030	0	25	10
27028	1	25	10
26249	2	25	10
26045	3	25	10
22591	4	25	10
22592	5	25	10
22593	6	25	10
22594	8	25	10
22595	10	25	10
25572	1/4	32	10

7041 ZOT **ZOT Torsion bit, Phillips, style E 6.3.**

Material: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.
Drive: DIN 3126, ISO 1173, style E 6.3.
Application: Particularly suitable for turning screws in metal and hard materials.

Order-No.			
04541	PH1	50	5
04540	PH2	50	5
04539	PH3	50	5

Style E 6.3 (1/4").

7042 ZOT **ZOT Torsion bit, Pozidriv, style E 6.3.**

Material: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Geometry: Patented torsion zone to prevent premature breaking of the bit when under stress.
Drive: DIN 3126, ISO 1173, style E 6.3.
Application: Particularly suitable for turning screws in metal and hard materials.

Order-No.			
04547	PZ1	50	5
04546	PZ2	50	5
04545	PZ3	50	5

7049 ZOT TW **ZOT Torsion bit, Tri-Wing®, style E 6.3.**

Material: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Geometry: Torsion zone for protecting against premature breakage of bits under load.
Drive: DIN 3126, ISO 1173, style E 6.3.
Application: For Tri-Wing® security screws.
Extra: 90 mm bits with long spiralled torsion zone.

Order-No.			
22609	3	50	5
33695	3	90	5
22610	4	50	5
33696	4	90	5
22611	5	50	5
33697	5	90	5
22612	6	50	5
33698	6	90	5

7049 ZOT TS **ZOT Torsion bit, Torq-Set®, style E 6.3.**

Material: High-quality chrome-vanadium steel, through-hardened, hard but elastic.
Geometry: Torsion zone for protecting against premature breakage of bits under load.
Drive: DIN 3126, ISO 1173, style E 6.3.
Application: For Torq-Set® security screws.
Extra: 90 mm bits with long spiralled torsion zone.

Order-No.			
22596	4	50	5
33699	4	90	5
22597	5	50	5
33700	5	90	5
22598	6	50	5
33701	6	90	5
22599	8	50	5
33702	8	90	5
22600	10	50	5