

TXH™ TIG Torches

For quality welding

Standard packages for common applications

TXH™ torches are made with the welder in mind...

- The major characteristics of the TXH™ torch program is its quality. The torches are designed to provide the utmost in convenience, versatility and ergonomics to the user.
- You can choose between air-cooled and water cooled, with or without gas-valve and with or without a flexible neck to suit your individual application.

Torch Heads Lightweight and Durable

- Manufactured with high temperature resistant silicone rubber insulation
- All copper components ensure cooler running temperatures and maximum current capacity.

Ergonomic Handle System - Ergonomically Superior

- Integrated dual soft grips ensure the handle remains in place with minimal grip pressure.

Knuckle Joint – Improved Manoeuvrability

- Positioning of the torch is made easier by the combination of knuckle joints and a flexible leather section covering the first 800mm of the torch immediately behind the handle.

Front End Consumables

- Compatible with previous TXH™ range.

Quality Systems

- All torches are designed to be tough and damage resistant and comply with EN60974-7, GOST-R & CCC.



- 120A torch for perfect access in confined areas and equipped with a precision switch
- Effective cooling system
- Ergonomic handle
- Knuckle joint gives improved manoeuvrability
- Built-in gas valve for manual control of the shielding gas. (TXH™ 121V, 151V and 201V only)
- Flexible heads offer versatility for hard to reach applications. (TXH™ 121F, 151F, 201F and 251F only)
- For use with all TIG machines with OKC-connection. (Central connection with adapter)
- Remote versions available for CAN-bus controlled machines
- TXH™ 401w HD for heavy duty applications up to 430 A

Ordering information

Air cooled torches

TXH™ 121, 4 m, OKC 25C,	0700 300 522 **)
TXH™ 121V, 4 m, OKC 25	0700 300 523
TXH™ 121, 4 m, OKC 50	0700 300 524
TXH™ 121F, 4 m, OKC 25	0700 300 525
TXH™ 121F, 4 m, OKC 50	0700 300 526
TXH™ 121, 8 m, OKC 25C	0700 300 527 **)
TXH™ 121V, 8 m, OKC 25	0700 300 528
TXH™ 121, 8 m, OKC 50	0700 300 529
TXH™ 121F, 8 m, OKC 25	0700 300 530
TXH™ 121F, 8 m, OKC 50	0700 300 531
TXH™ 121, 4 m, OKC 25	0700 300 532 *)
TXH™ 121, 8 m, OKC 25	0700 300 534

TXH™ 151, 4 m, OKC 25C	0700 300 536 **)
TXH™ 151V, 4 m, OKC 25	0700 300 537
TXH™ 151, 4 m, OKC 50	0700 300 538
TXH™ 151V, 4 m, OKC 50	0700 300 539
TXH™ 151F, 4 m, OKC 25	0700 300 540
TXH™ 151F, 4 m, OKC 50	0700 300 541
TXH™ 151 8 m, OKC 25C	0700 300 542 **)
TXH™ 151V, 8 m, OKC 25	0700 300 543
TXH™ 151, 8 m, OKC 50	0700 300 544
TXH™ 151V, 8 m, OKC 50	0700 300 545

TXH™ 151F, 8 m, OKC 25	0700 300 546
TXH™ 151F, 8 m, OKC 50	0700 300 547
TXH™ 151, 4 m, OKC 25	0700 300 548 *)
TXH™ 151, 8 m, OKC 25	0700 300 550 *)
TXH™ 201, 4 m, OKC 50	0700 300 552
TXH™ 201V, 4 m, OKC 50	0700 300 553
TXH™ 201F, 4 m, OKC 50	0700 300 554
TXH™ 201, 8 m OKC 50	0700 300 555
TXH™ 201V, 8 m, OKC 50	0700 300 556
TXH™ 201F, 8 m, OKC 50	0700 300 557
TXH™ 201, 4 m, OKC 25	0700 300 558
TXH™ 201F, 4 m, OKC 25	0700 300 559
TXH™ 201, 8 m, OKC 25	0700 300 560

Water cooled torches

TXH™ 251w, 4 m, OKC 50	0700 300 561
TXH™ 251wF, 4 m, OKC 50	0700 300 562
TXH™ 251w, 8 m, OKC 50	0700 300 563
TXH™ 251wF, 8 m, OKC 50	0700 300 564
TXH™ 401w, 4 m, OKC 50	0700 300 565
TXH™ 401w HD, 4 m, OKC 50	0700 300 566
TXH™ 401w, 8 m, OKC 50	0700 300 567
TXH™ 401w HD, 8 m, OKC 50	0700 300 568


Remote control torches

TXH™ 121r, 4 m, OKC 50,	0700 300 620
TXH™ 121Fr, 4 m, OKC 50	0700 300 621
TXH™ 121r, 8 m, OKC 50	0700 300 622
TXH™ 151r, 4 m, OKC 50	0700 300 624
TXH™ 151Fr, 4 m, OKC 50	0700 300 625
TXH™ 151r, 8 m, OKC 50	0700 300 626
TXH™ 151Fr, 8 m, OKC 50	0700 300 627
TXH™ 201r, 4 m, OKC 50	0700 300 628
TXH™ 201Fr, 4 m, OKC 50	0700 300 629
TXH™ 201r, 8 m, OKC 50	0700 300 630
TXH™ 201Fr, 8 m OKC50	0700 300 631
TXH™ 251wr, 4 m OKC 50	0700 300 632
TXH™ 251wFr, 4 m, OKC50	0700 300 633
TXH™ 251wr, 8 m, OKC 50	0700 300 634
TXH™ 251wFr, 8 m, OKC 50	0700 300 635
TXH™ 401wr, 4 m OKC 50	0700 300 636
TXH™ 401wr HD, 4 m, OKC 50	0700 300 637
TXH™ 401wr, 8 m, OKC 50	0700 300 638
TXH™ 401wr HD, 8 m, OKC 50	0700 300 639

*) Only Origo™ Tig 150i F = Flexible head

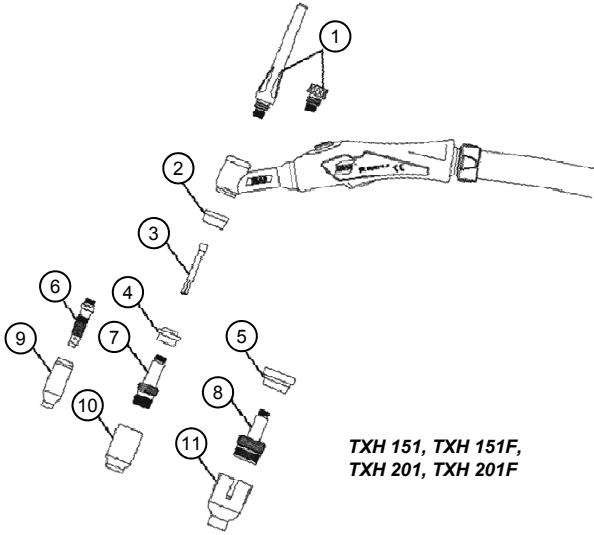
***) Only Caddy® Tig 150i V = Gas valve

Technical data

	TXH™ 121	TXH™ 151	TXH™ 201	TXH™ 251w	TXH™ 401w	TXH™ 401w HD
Permitted load at 35% duty cycle		150 A	200 A		400 A	430A
60% duty cycle	120 A	120 A	150 A	250 A	350 A	400A
100% duty cycle	100 A	100 A	140 A	200 A	300 A	
 Ø mm	1.0-3.2	1.0-3.2	1.0-4.0	1.0-3.2	1.0-4.8	1.0-4.8

Wear parts

For further information please contact your ESAB representative



TXH 151, TXH 151F,
TXH 201, TXH 201F

Tungsten electrodes

Dimension (mm) Eco

	W L = 150	W L = 175
1.6 mm	-	0151 574 009
2.0 mm	0151 574 245	-
2.4 mm	0151 574 210	0151 574 010
3.2 mm	0151 574 211	0151 574 011
4.0 mm	-	0151 574 012

	WT20 L = 150	WT20 L = 175
1.6 mm	0151 574 202	0151 574 002
2.0 mm	0151 574 244	-
2.4 mm	0151 574 203	0151 574 003
3.2 mm	0151 574 204	0151 574 004
4.0 mm	-	0151 574 005

	WC20 L = 150	WC20 L = 175
1.6 mm	0151 574 237	0151 574 037
2.0 mm	0151 574 242	-
2.4 mm	0151 574 238	0151 574 038
3.2 mm	0151 574 239	0151 574 039
4.0 mm	-	0151 574 040

	GoldPlus L = 150	GoldPlus L = 175
1.0 mm	-	0151 574 050
1.6 mm	-	0151 574 051
2.0 mm	0151 574 232	-
2.4 mm	-	0151 574 052
3.2 mm	-	0151 574 053
4.0 mm	-	0151 574 054
4.8 mm	-	0151 574 055

General example

		TXH™ 121/251w	TXH™ 151/201	TXH™ 401w/401w HD
① Back cap	Long	0365 310 051	0157 123 029	0157 123 029
	Medium	0365 310 050	0588 000 591	0588 000 591
	Short	0365 310 049	0157 123 028	0157 123 028
② Heat shield		0366 960 017	0366 960 016	0366 960 018
	Heat shield	-	0366 960 020	-
④ Heat shield – ⑤ extra large gas lens		-	0366 960 021	-
		-	-	-
③ Collet standard and for gas lens	Ø 1.0	0365 310 028	0157 123 010	0157 123 010
	Ø 1.6	0365 310 029	0157 123 011	0157 123 011
	Ø 2.4	0365 310 030	0157 123 012	-
	Ø 3.2	0365 310 091	0157 123 013	-
	Ø 4.0	-	0157 123 014	-
Collet body Heavy Duty	Ø 2.4	-	-	0157 123 077
	Ø 3.2	-	-	0157 123 078
	Ø 4.0	-	-	0157 123 079
	Ø 4.8	-	-	0157 123 074
⑥ Collet body Standard	Ø 1.0	0365 310 037	0157 123 015	-
	Ø 1.6	0365 310 038	0157 123 016	-
	Ø 2.4	0365 310 039	0157 123 017	-
	Ø 3.2	0365 310 090	0157 123 018	-
	Ø 4.0-4.8	-	0157 123 019	-
	Ø 0.5-2.4 Ø 3.2-4.0	-	-	0157 123 081 0157 123 082
⑦ Collet body with gas lens	Ø 1.0	0157 121 016	0157 123 021	0157 123 091
	Ø 1.6	0157 121 017	0157 123 022	0157 123 092
	Ø 2.4	0157 121 018	0157 123 023	0157 123 093
	Ø 3.2	0157 121 041	0157 123 024	0157 123 094
	Ø 4.0	-	0157 123 025	0157 123 095
	Ø 4.8	-	-	0157 123 075
⑧ Collet body with extra large gas lens	Ø 1.0	-	0157 123 083	-
	Ø 1.6	-	0157 123 084	-
	Ø 2.4	-	0157 123 085	-
	Ø 3.2	-	0157 123 086	-
	Ø 4.0-4.8	-	0157 123 087	-
⑨ Gas nozzles Standard	Ø 6.4	0365 310 044	0157 123 052	-
	Ø 8.0	0365 310 045	0157 123 053	-
	Ø 9.8	0365 310 046	0157 123 054	-
	Ø 11.2	0365 310 047	0157 123 055	-
	Ø 12.7	0365 310 048	0157 123 056	-
	Ø 15.9	0588 000 440	0588 000 442	-
	Ø 19.0	-	0588 000 441	-
⑩ Gas nozzles for gas lens	Ø 6.4	0157 121 032	0157 123 057	0157 123 057
	Ø 8.0	0157 121 033	0157 123 058	0157 123 058
	Ø 9.8	0157 121 034	0157 123 059	0157 123 059
	Ø 11.2	0157 121 039	0157 123 060	0157 123 060
	Ø 12.7	0157 121 040	0157 123 061	0157 123 061
	Ø 17.5	-	0588 000 439	-
⑪ Extra large gas nozzle for extra large gas lens	Ø 9.8	-	0157 123 088	-
	Ø 12.7	-	0157 123 089	-
	Ø 15.9	-	0588 000 438	-
	Ø 19.0	-	0157 123 098	-
	Ø 24.0	-	0588 000 437	-

Bold = standard delivery

www.esab.com

