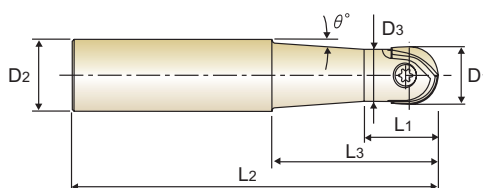


i-Xmill BALL HOLDERS - STEEL
i-Xmill HALTER für WECHSELPLATTE mit RUNDER STIRN - STÄHLE

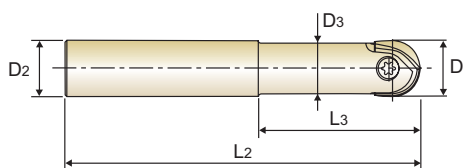
- ▶ Premium alloy steel with excellent strength.
- ▶ Precise shank, Tolerance (h6).
- ▶ Black oxide treated, to prevent corrosion and improve lubricity.

- ▶ Premium legierter Stähle mit großer Festigkeit.
- ▶ Hochgenauer Schaft, Tol h6.
- ▶ Schwarze Oxidschicht verhindert Korrosion und verbessert die Schmierfähigkeit.


TAPER NECK TYPE

Unit : mm

EDP No.	Mill Diameter	Shank Diameter	Length of Cut	Length Below Shank	Overall Length	Neck Diameter	Taper Angle	Length Type	Wrench No.	Screw No.
	D1	D2	L1	L3	L2	D3	θ°			
ZBT0801120	8.0	12	12	35	90	7.2	4° 43'	Short	TWFT07	TX2508T07
ZBT0802120			25	55	110		3° 37'	Regular		
ZBT1001120	10.0	12	15	35	90	9	2° 51'	Short	TWFT08	TX3010T08
ZBT1002120			30	55	110		2° 17'	Regular		
ZBT1201160	12.0	16	17	55	110	10.5	3° 23'	Short	TWFT10	TX3512T10
ZBT1601200	16.0	20	20	65	125	14.5	2° 51'	Short	TWFT15	TX4016T15
ZBT2001250	20.0	25	25	75	145	18	3° 26'	Short	TWBT20	TX5020T20
ZBT2501320	25.0	32	30	90	170	22.5	4° 03'	Short	TWBT25	TX6025T25
ZBT3001320	30.0 32.0	32	40	110	195	27	1° 38'	Short	TWBT30	TX8030T30


STRAIGHT NECK TYPE

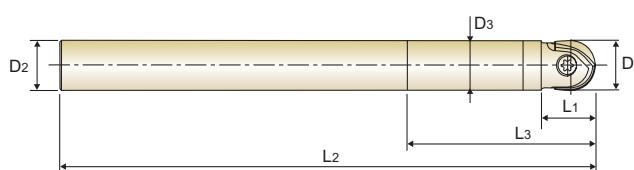
Unit : mm

EDP No.	Mill Diameter	Shank Diameter	Length Below Shank	Overall Length	Neck Diameter	Length Type	Wrench No.	Screw No.
	D1	D2	L3	L2	D3			
ZBS1201120	12.0	12	35	90	10.5	Short	TWFT10	TX3512T10
ZBS1202120			55	110		Regular		
ZBS1601160	16.0	16	35	95	14.5	Short	TWFT15	TX4016T15
ZBS1602160			65	125		Regular		
ZBS2001200	20.0	20	40	110	18	Short	TWBT20	TX5020T20
ZBS2002200			75	145		Regular		
ZBS2501250	25.0	25	45	125	22.5	Short	TWBT25	TX6025T25
ZBS2502250			90	170		Regular		
ZBS3001320	30.0, 32.0	32	55	140	27	Short	TWBT30	TX8030T30
ZBS3002320			110	195		Regular		

**i-Xmill BALL HOLDERS - CARBIDE****i-Xmill HALTER für WECHSELPLATTE mit RUNDER STIRN - VOLLHARTMETAL**

- ▶ Equal tool rigidity with solid carbide end mill makes the stable and high finishing machining with the less vibration.
- ▶ The high finishing machining for the deeper part of mold.
- ▶ The tool's life of carbide ball holders is longer than steel holder.
- ▶ Shrink Fit Holding system can be applied.
- ▶ Upon request, the worn holder is able to be fixed.

- ▶ Die Festigkeit des Halters ermöglicht zusammen mit der VHM-Wechselplatte eine stabile Hochgenauigkeitsbearbeitung mit geringster Vibration.
- ▶ Feinbearbeitung auch in tieferen Teilen der Form.
- ▶ Die Lebensdauer von VHM-Haltern für runde Wechselplatten ist länger als die von Stahlaltern.
- ▶ Schrumpffutter können verwendet werden.
- ▶ Auf Anfrage kann ein gebrochener Halter repariert werden.



Unit : mm

EDP No.	Mill Diameter	Shank Diameter	Length of Cut	Length Below Shank	Overall Length	Neck Diameter	Length Type	Wrench No.	Screw No.
	D1	D2	L1	L3	L2	D3			
ZBC0801080	8.0	8	12	25	130	7.7	Long	TWFT07	TX2508T07
ZBC1001100	10.0	10	15	30	140	9.7	Long	TWFT08	TX3010T08
ZBC1201120	12.0	12	17	35	150	11.7	Long	TWFT10	TX3512T10
ZBC1601160	16.0	16	20	50	200	15.7	Long	TWFT15	TX4016T15
ZBC2001200	20.0	20	25	60	200	19.7	Long	TWBT20	TX5020T20
ZBC2501250	25.0	25	30	75	200	24.7	Long	TWBT25	TX6025T25
ZBC3001320	30.0 32.0	32	40	90	250	29.7	Long	TWBT30	TX8030T30