



ZIBTRPRO
tehnologija obdelave · vpenjalni sistemi



TEZD katalog

“Indexable drill TEZD type” achieves easy assembly
and high cutting performance.



NEW



TEZDF / TEZD-M type

NEW



TEZ-H type



26-01

TEZD-F sveder brezplačno



Ob nakupu ploščic TEZD-F sveder BREZPLAČNO !!



L/D = 3xD

5 kos. vrtalnih ploščic TEZ + sveder TEZD-F 3xD MS brezplačno

Ploščice TEZ	Dimenzije (korak 0,1 mm)	Svedri TEZD-F 3xD MS
TEZ 1350 - TEZ 3250	Ø13,5 – Ø32,5	TEZD 1400S16MS – TEZD 3200S32MS



L/D = 5xD

5 kos. vrtalnih ploščic TEZ + sveder TEZD-F 5xD ML brezplačno

Ploščice TEZ	Dimenzije (korak 0,1 mm)	Svedri TEZD-F 5xD ML
TEZ 1350 - TEZ 3250	Ø13,5 – Ø32,5	TEZD 1400S16ML – TEZD 3200S32ML



L/D = 8xD

10 kos. vrtalnih ploščic TEZ + sveder TEZD-F 8xD XL brezplačno

Ploščice TEZ	Dimenzije (korak 0,1 mm)	Svedri TEZD-F 8xD XL
TEZ 1350 - TEZ 3250	Ø13,5 – Ø32,5	TEZD 1400S16XL – TEZD 3200S32XL



Modular Mead
L/D = 2xD

3 kos. vrtalnih ploščic TEZ + sveder TEZD-M (Modular type) brezplačno

Ploščice TEZ	Dimenzije (korak 0,1 mm)	Svedri TEZD-M
TEZ 1350 - TEZ 3250	Ø13,5 – Ø32,5	TEZD 1400M8 – TEZD 3200M16



Carbide modular head holder MSN type (ni vključeno)



Feature 1 **Drill Body Variations**

L/D=3
Φ13.5 - 32.5



L/D=5
Φ13.5 - 32.5



L/D=8
Φ13.5 - 32.5



Modular Head
L/D=2D
Φ13.5 - 32.5



carbide modular head holder MSN type

NEW

TEZD-M (Modular head) type

The combination of a modular head and a carbide shank holder enables stable drilling even with a long overhang.



NEW

TEZDF type

A high-rigidity flanged shank body enables stable and accurate hole making.



Conventional model



Hole Dia : Φ17.013

TEZDF-ML type



Hole Dia : Φ17.005

P

dia : Φ17
tool : TEZD1700S20**F**-ML
material : SS400
Vc : 75 m/min
f : 0.15 mm/rev

Improved chip formation and hole accuracy!

Feature 2 Available in three insert types

TEZ type - General purpose

Φ13.5 - 32.5

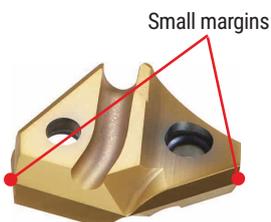


- PVD coating grade "JC8050"
- Suitable for **all types of materials**.

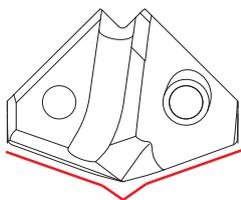


TEZ-S type - For Stainless Steel, Titanium Alloy

Φ13.5 - 20.5



- PVD coating grade "JC7515" (for high thermal crack resistance & oxidation resistance)
- "Small margins" reduce cutting heat generated.
- "Improved Centripetal centering" geometry for Smooth drilling and Good chip evacuation.



Centripetal centering geometry

Competitor C
for heat-resistant alloy

TEZ type
for heat-resistant alloy

TEZ-S type
for heat-resistant alloy

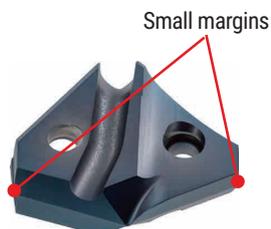


Rifle mark

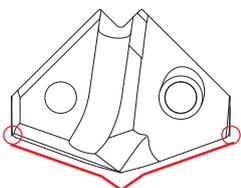
Good surface finish

TEZ-H type - For Mold Steel, Hardened Steel (up to 52 HRC)

Φ13.5 - 20.5



- PVD coating grade "DH115" (for high hardness & heat resistance)
- "Small margins" reduce cutting heat generated.
- "Optimized Tip and Corner geometry" specially for hardened materials.
- "Strong Drill Corner Edge" prevents chipping.



Optimized Tip and Corner geometry specially for hardened materials

TEZ-H type



Competitor

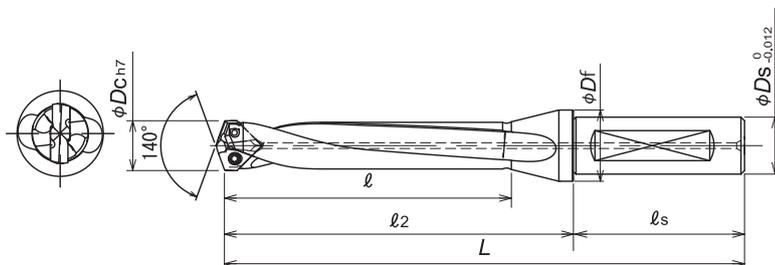


dia : Φ 16
 insert : TEZ-1600H
 grade : DH115
 material : NAK80(40HRC)
 Vc : 50 m/min
 f : 0.2 mm/rev

NEW

TEZDF-MS
TYPE

Holder



NEW

Cat.No.	Stock	Dc		Dimensions (mm)						Parts	
		Min.	Max.	ℓ	ℓ ₂	ℓ _s	L	D _s	D _f	Screw	Wrench
TEZD1400S16F-MS	●	13.5	14.5	51	65	48	113	16	20	DSW-2045H	A-07
TEZD1500S20F-MS	●	14.6	15.5	54	69	50	119	20	24.9		
TEZD1600S20F-MS	●	15.6	16.5	58	74	50	124	20	24.9	TSW-2556H	A-08
TEZD1700S20F-MS	●	16.6	17.5	61	78	50	128	20	24.9		
TEZD1800S20F-MS	●	17.6	18.5	65	83	50	133	20	24.9	TSW-2567H	A-08
TEZD1900S25F-MS	●	18.6	19.5	68	87	56	143	25	32		
TEZD2000S25F-MS	●	19.6	20.5	72	92	56	148	25	32	DSW-307H	A-10
TEZD2100S25F-MS	●	20.6	21.5	75	96	56	152	25	32		
TEZD2200S25F-MS	●	21.6	22.5	79	101	56	157	25	32	DSW-309H	A-10
TEZD2300S25F-MS	●	22.6	23.5	82	105	56	161	25	32		
TEZD2400S32F-MS	●	23.6	24.5	86	110	60	170	32	41.9	TSW-3510H	A-15
TEZD2500S32F-MS	●	24.6	25.5	89	114	60	174	32	41.9		
TEZD2600S32F-MS	●	25.6	26.5	93	119	60	179	32	41.9	TSW-3512H	A-15
TEZD2700S32F-MS	●	26.6	27.5	96	123	60	183	32	41.9		
TEZD2800S32F-MS	●	27.6	28.5	100	128	60	188	32	41.9	TSW-3512H	A-15
TEZD2900S32F-MS	●	28.6	29.5	103	132	60	192	32	41.9		
TEZD3000S32F-MS	●	29.6	30.5	107	137	60	197	32	41.9	TSW-3512H	A-15
TEZD3100S32F-MS	●	30.6	31.5	110	141	60	201	32	41.9		
TEZD3200S32F-MS	●	31.6	32.5	114	146	60	206	32	41.9		

Note) All cutters are supplied without inserts or wrenches.

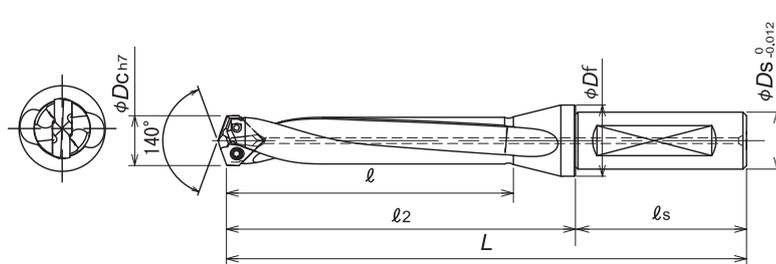
Clamp screw	Torque(N·m)
DSW-2045H	0.9
TSW-2556H	1.2
TSW-2567H	1.2
DSW-307H	2.1
DSW-309H	2.1
TSW-3510H	3.0
TSW-3512H	3.0



NEW

TEZDF-ML
TYPE

Holder



NEW

Cat.No.	Stock	Dc		Dimensions (mm)						Parts	
		Min.	Max.	ℓ	ℓ2	ℓs	L	Ds	Df	Screw	Wrench
TEZD1400S16F-ML	●	13.5	14.5	80	97	48	145	16	20	DSW-2045H	A-07
TEZD1500S20F-ML	●	14.6	15.5	85	103	50	153	20	24.9		
TEZD1600S20F-ML	●	15.6	16.5	91	110	50	160	20	24.9	TSW-2556H	A-08
TEZD1700S20F-ML	●	16.6	17.5	96	117	50	167	20	24.9		
TEZD1800S20F-ML	●	17.6	18.5	102	123	50	173	20	24.9	TSW-2567H	A-08
TEZD1900S25F-ML	●	18.6	19.5	107	130	56	186	25	32		
TEZD2000S25F-ML	●	19.6	20.5	113	137	56	193	25	32	DSW-307H	A-10
TEZD2100S25F-ML	●	20.6	21.5	118	143	56	199	25	32		
TEZD2200S25F-ML	●	21.6	22.5	124	150	56	206	25	32	DSW-309H	A-10
TEZD2300S25F-ML	●	22.6	23.5	129	157	56	213	25	32		
TEZD2400S32F-ML	●	23.6	24.5	135	164	60	224	32	41.9	TSW-3510H	A-15
TEZD2500S32F-ML	●	24.6	25.5	140	170	60	230	32	41.9		
TEZD2600S32F-ML	●	25.6	26.5	146	177	60	237	32	41.9	TSW-3512H	A-15
TEZD2700S32F-ML	●	26.6	27.5	151	184	60	244	32	41.9		
TEZD2800S32F-ML	●	27.6	28.5	157	190	60	250	32	41.9	TSW-3512H	A-15
TEZD2900S32F-ML	●	28.6	29.5	162	197	60	257	32	41.9		
TEZD3000S32F-ML	●	29.6	30.5	168	204	60	264	32	41.9	TSW-3512H	A-15
TEZD3100S32F-ML	●	30.6	31.5	173	210	60	270	32	41.9		
TEZD3200S32F-ML	●	31.6	32.5	179	217	60	277	32	41.9		

Note) All cutters are supplied without inserts or wrenches.

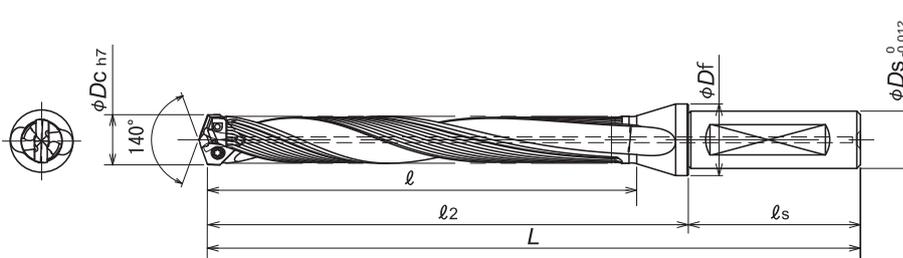
Clamp screw	Torque(N·m)
DSW-2045H	0.9
TSW-2556H	1.2
TSW-2567H	1.2
DSW-307H	2.1
DSW-309H	2.1
TSW-3510H	3.0
TSW-3512H	3.0



NEW

TEZDF-XL
TYPE

Holder



NEW

Cat.No.	Stock	Dc		Dimensions (mm)						Parts	
		Min.	Max.	ℓ	ℓ2	ℓs	L	Ds	Df	Screw	Wrench
TEZD1400S16F-XL	●	13.5	14.5	119	133	48	181	16	20	DSW-2045H	A-07
TEZD1500S20F-XL	●	14.6	15.5	128	143	50	193	20	24.9		
TEZD1600S20F-XL	●	15.6	16.5	136	152	50	202	20	24.9	TSW-2556H	A-08
TEZD1700S20F-XL	●	16.6	17.5	145	162	50	212	20	24.9		
TEZD1800S20F-XL	●	17.6	18.5	153	171	50	221	20	24.9	TSW-2567H	A-08
TEZD1900S25F-XL	●	18.6	19.5	162	181	56	237	25	32		
TEZD2000S25F-XL	●	19.6	20.5	170	190	56	246	25	32	DSW-307H	A-10
TEZD2100S25F-XL	●	20.6	21.5	179	200	56	256	25	32		
TEZD2200S25F-XL	●	21.6	22.5	187	209	56	265	25	32	DSW-309H	A-10
TEZD2300S25F-XL	●	22.6	23.5	196	219	56	275	25	32		
TEZD2400S32F-XL	●	23.6	24.5	204	228	60	288	32	41.9	TSW-3510H	A-15
TEZD2500S32F-XL	●	24.6	25.5	213	238	60	298	32	41.9		
TEZD2600S32F-XL	●	25.6	26.5	221	247	60	307	32	41.9	TSW-3512H	A-15
TEZD2700S32F-XL	●	26.6	27.5	230	257	60	317	32	41.9		
TEZD2800S32F-XL	●	27.6	28.5	238	266	60	326	32	41.9		
TEZD2900S32F-XL	●	28.6	29.5	247	276	60	336	32	41.9		
TEZD3000S32F-XL	●	29.6	30.5	255	285	60	345	32	41.9		
TEZD3100S32F-XL	●	30.6	31.5	248	295	60	355	32	41.9		
TEZD3200S32F-XL	●	31.6	32.5	256	304	60	364	32	41.9		

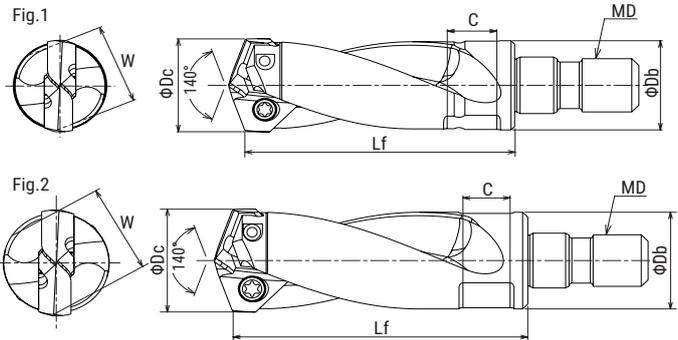
Note) All cutters are supplied without inserts or wrenches.

Clamp screw	Torque(N·m)
DSW-2045H	0.9
TSW-2556H	1.2
TSW-2567H	1.2
DSW-307H	2.1
DSW-309H	2.1
TSW-3510H	3.0
TSW-3512H	3.0

NEW

TEZD-M
TYPE

Modular Type



NEW

Cat.No.	Stock	Dc		Dimensions (mm)					Fig.	Parts	
		Min.	Max.	Lf	Db	MD	C	W		Screw	Wrench
TEZD1400-M8	●	13.5	14.5	38	13.4	M8	8	12	1	DSW-2045H	A-07
TEZD1500-M8	●	14.6	15.5	40.5	14	M8	8	12	2		
TEZD1600-M8	●	15.6	16.5	43	15	M8	8	12	2	TSW-2556H	A-08
TEZD1700-M8	●	16.6	17.5	45.5	16	M8	8	12	2		
TEZD1800-M8	●	17.6	18.5	48	17	M8	8	12	2	TSW-2567H	A-08
TEZD1900-M10	●	18.6	19.5	50.5	18	M10	9	14	2		
TEZD2000-M10	●	19.6	20.5	53	19	M10	9	14	2	DSW-307H	A-10
TEZD2100-M10	●	20.6	21.5	55.5	20	M10	9	14	2		
TEZD2200-M10	●	21.6	22.5	58	21	M10	9	14	2	DSW-309H	A-10
TEZD2300-M10	●	22.6	23.5	60.5	22	M10	9	14	2		
TEZD2400-M12	●	23.6	24.5	63	23	M12	11	19	2	TSW-3510H	A-15
TEZD2500-M12	●	24.6	25.5	65.5	24	M12	11	19	2		
TEZD2600-M12	●	25.6	26.5	68	25	M12	11	19	2	TSW-3512H	A-15
TEZD2700-M12	●	26.6	27.5	70.5	26	M12	11	19	2		
TEZD2800-M12	●	27.6	28.5	73	27	M12	11	19	2	TSW-3512H	A-15
TEZD2900-M16	●	28.6	29.5	75.5	28	M16	12	22	2		
TEZD3000-M16	●	29.6	30.5	78	29	M16	12	22	2	TSW-3512H	A-15
TEZD3100-M16	●	30.6	31.5	80.5	30	M16	12	22	2		
TEZD3200-M16	●	31.6	32.5	83	31	M16	14	26	2		

Note) All cutters are supplied without inserts or wrenches.

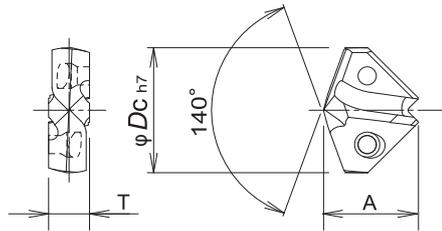
Clamp screw	Torque(N-m)
DSW-2045H	0.9
TSW-2556H	1.2
TSW-2567H	1.2
DSW-307H	2.1
DSW-309H	2.1
TSW-3510H	3.0
TSW-3512H	3.0



TEZ TYPE

Insert - Grade JC8050

● Suitable for General Steel



Dc	Cat.No.	Stk	A	T	Holder
13.5	TEZ1350	●	11.4	4.5	TEZD14*
13.6	TEZ1360	●			
13.7	TEZ1370	●			
13.8	TEZ1380	●			
13.9	TEZ1390	●			
14.0	TEZ1400	●			
14.1	TEZ1410	●			
14.2	TEZ1420	●			
14.3	TEZ1430	●			
14.4	TEZ1440	●			
14.5	TEZ1450	●	11.5	4.8	TEZD15*
14.6	TEZ1460	●			
14.7	TEZ1470	●			
14.8	TEZ1480	●			
14.9	TEZ1490	●			
15.0	TEZ1500	●			
15.1	TEZ1510	●			
15.2	TEZ1520	●			
15.3	TEZ1530	●			
15.4	TEZ1540	●			
15.5	TEZ1550	●	12.4	5.0	TEZD16*
15.6	TEZ1560	●			
15.7	TEZ1570	●			
15.8	TEZ1580	●			
15.9	TEZ1590	●			
16.0	TEZ1600	●			
16.1	TEZ1610	●			
16.2	TEZ1620	●			
16.3	TEZ1630	●			
16.4	TEZ1640	●			
16.5	TEZ1650	●	13.2	5.5	TEZD17*
16.6	TEZ1660	●			
16.7	TEZ1670	●			
16.8	TEZ1680	●			
16.9	TEZ1690	●			
17.0	TEZ1700	●			
17.1	TEZ1710	●			
17.2	TEZ1720	●			
17.3	TEZ1730	●			
17.4	TEZ1740	●			
17.5	TEZ1750	●	13.5	5.8	TEZD18*
17.6	TEZ1760	●			
17.7	TEZ1770	●			
17.8	TEZ1780	●			
17.9	TEZ1790	●			
18.0	TEZ1800	●			
18.1	TEZ1810	●			
18.2	TEZ1820	●			

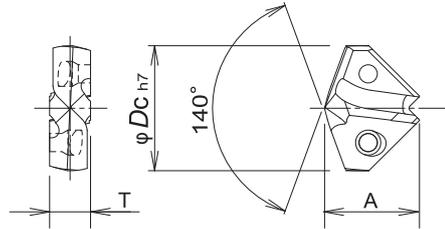
Dc	Cat.No.	Stk	A	T	Holder
18.3	TEZ1830	●	13.5	5.8	TEZD18*
18.4	TEZ1840	●			
18.5	TEZ1850	●			
18.6	TEZ1860	●			
18.7	TEZ1870	●	14.2	6.0	TEZD19*
18.8	TEZ1880	●			
18.9	TEZ1890	●			
19.0	TEZ1900	●			
19.1	TEZ1910	●			
19.2	TEZ1920	●			
19.3	TEZ1930	●			
19.4	TEZ1940	●	15.1	6.5	TEZD20*
19.5	TEZ1950	●			
19.6	TEZ1960	●			
19.7	TEZ1970	●			
19.8	TEZ1980	●			
19.9	TEZ1990	●			
20.0	TEZ2000	●			
20.1	TEZ2010	●	15.7	6.7	TEZD21*
20.2	TEZ2020	●			
20.3	TEZ2030	●			
20.4	TEZ2040	●			
20.5	TEZ2050	●			
20.6	TEZ2060	●			
20.7	TEZ2070	●			
20.8	TEZ2080	●			
20.9	TEZ2090	●			
21.0	TEZ2100	●			
21.1	TEZ2110	●			
21.2	TEZ2120	●			
21.3	TEZ2130	●			
21.4	TEZ2140	●			
21.5	TEZ2150	●			
21.6	TEZ2160	●			
21.7	TEZ2170	●			
21.8	TEZ2180	●			
21.9	TEZ2190	●			
22.0	TEZ2200	●	17.4	7.5	TEZD23*
22.1	TEZ2210	●			
22.2	TEZ2220	●			
22.3	TEZ2230	●			
22.4	TEZ2240	●			
22.5	TEZ2250	●			
22.6	TEZ2260	●			
22.7	TEZ2270	●			
22.8	TEZ2280	●			
22.9	TEZ2290	●			
23.0	TEZ2300	●			



TEZ
TYPE

Insert - Grade JC8050

● Suitable for General Steel



Dc	Cat.No.	Stk	A	T	Holder
23.1	TEZ2310	●	17.4	7.5	TEZD23*
23.2	TEZ2320	●			
23.3	TEZ2330	●			
23.4	TEZ2340	●			
23.5	TEZ2350	●			
23.6	TEZ2360	●	18.2	8.0	TEZD24*
23.7	TEZ2370	●			
23.8	TEZ2380	●			
23.9	TEZ2390	●			
24.0	TEZ2400	●			
24.1	TEZ2410	●			
24.2	TEZ2420	●			
24.3	TEZ2430	●			
24.4	TEZ2440	●	19.1	8.0	TEZD25*
24.5	TEZ2450	●			
24.6	TEZ2460	●			
24.7	TEZ2470	●			
24.8	TEZ2480	●			
24.9	TEZ2490	●			
25.0	TEZ2500	●			
25.1	TEZ2510	●			
25.2	TEZ2520	●			
25.3	TEZ2530	●			
25.4	TEZ2540	●			
25.5	TEZ2550	●	19.7	8.5	TEZD26*
25.6	TEZ2560	●			
25.7	TEZ2570	●			
25.8	TEZ2580	●			
25.9	TEZ2590	●			
26.0	TEZ2600	●			
26.1	TEZ2610	●			
26.2	TEZ2620	●			
26.3	TEZ2630	●			
26.4	TEZ2640	●			
26.5	TEZ2650	●	20.4	8.5	TEZD27*
26.6	TEZ2660	●			
26.7	TEZ2670	●			
26.8	TEZ2680	●			
26.9	TEZ2690	●			
27.0	TEZ2700	●			
27.1	TEZ2710	●			
27.2	TEZ2720	●			
27.3	TEZ2730	●			
27.4	TEZ2740	●			
27.5	TEZ2750	●	21.2	9.0	TEZD28*
27.6	TEZ2760	●			
27.7	TEZ2770	●			
27.8	TEZ2780	●			

Dc	Cat.No.	Stk	A	T	Holder
27.9	TEZ2790	●	21.2	9.0	TEZD28*
28.0	TEZ2800	●			
28.1	TEZ2810	●			
28.2	TEZ2820	●			
28.3	TEZ2830	●			
28.4	TEZ2840	●	22.1	9.0	TEZD29*
28.5	TEZ2850	●			
28.6	TEZ2860	●			
28.7	TEZ2870	●			
28.8	TEZ2880	●			
28.9	TEZ2890	●			
29.0	TEZ2900	●			
29.1	TEZ2910	●			
29.2	TEZ2920	●			
29.3	TEZ2930	●			
29.4	TEZ2940	●			
29.5	TEZ2950	●			
29.6	TEZ2960	●			
29.7	TEZ2970	●			
29.8	TEZ2980	●			
29.9	TEZ2990	●			
30.0	TEZ3000	●			
30.1	TEZ3010	●			
30.2	TEZ3020	●	23.4	10	TEZD31*
30.3	TEZ3030	●			
30.4	TEZ3040	●			
30.5	TEZ3050	●			
30.6	TEZ3060	●			
30.7	TEZ3070	●			
30.8	TEZ3080	●			
30.9	TEZ3090	●			
31.0	TEZ3100	●			
31.1	TEZ3110	●			
31.2	TEZ3120	●			
31.3	TEZ3130	●			
31.4	TEZ3140	●			
31.5	TEZ3150	●			
31.6	TEZ3160	●			
31.7	TEZ3170	●			
31.8	TEZ3180	●			
31.9	TEZ3190	●			
32.0	TEZ3200	●			
32.1	TEZ3210	●			
32.2	TEZ3220	●			
32.3	TEZ3230	●			
32.4	TEZ3240	●			
32.5	TEZ3250	●			

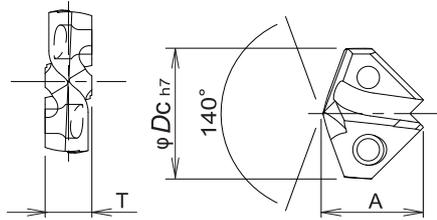
Note) 1 insert per case



TEZ-S TYPE

Insert - Grade JC7515

● for Stainless steel, Titanium alloy



Dc	Cat.No.	Stk	A	T	Holder
13.5	TEZ1350S	●	11.4	4.5	TEZD14*
13.6	TEZ1360S	●			
13.7	TEZ1370S	●			
13.8	TEZ1380S	●			
13.9	TEZ1390S	●			
14.0	TEZ1400S	●			
14.1	TEZ1410S	●			
14.2	TEZ1420S	●			
14.3	TEZ1430S	●			
14.4	TEZ1440S	●			
14.5	TEZ1450S	●			
14.6	TEZ1460S	●	11.5	4.8	TEZD15*
14.7	TEZ1470S	●			
14.8	TEZ1480S	●			
14.9	TEZ1490S	●			
15.0	TEZ1500S	●			
15.1	TEZ1510S	●			
15.2	TEZ1520S	●			
15.3	TEZ1530S	●			
15.4	TEZ1540S	●			
15.5	TEZ1550S	●			
15.6	TEZ1560S	●	12.4	5.0	TEZD16*
15.7	TEZ1570S	●			
15.8	TEZ1580S	●			
15.9	TEZ1590S	●			
16.0	TEZ1600S	●			
16.1	TEZ1610S	●			
16.2	TEZ1620S	●			
16.3	TEZ1630S	●			
16.4	TEZ1640S	●			
16.5	TEZ1650S	●			
16.6	TEZ1660S	●	13.2	5.5	TEZD17*
16.7	TEZ1670S	●			
16.8	TEZ1680S	●			
16.9	TEZ1690S	●			
17.0	TEZ1700S	●			
17.1	TEZ1710S	●			
17.2	TEZ1720S	●			
17.3	TEZ1730S	●			
17.4	TEZ1740S	●			
17.5	TEZ1750S	●			
17.6	TEZ1760S	●	13.5	5.8	TEZD18*
17.7	TEZ1770S	●			
17.8	TEZ1780S	●			
17.9	TEZ1790S	●			
18.0	TEZ1800S	●			
18.1	TEZ1810S	●			

Dc	Cat.No.	Stk	A	T	Holder
18.2	TEZ1820S	●	13.5	5.8	TEZD18*
18.3	TEZ1830S	●			
18.4	TEZ1840S	●			
18.5	TEZ1850S	●			
18.6	TEZ1860S	●	14.2	6.0	TEZD19*
18.7	TEZ1870S	●			
18.8	TEZ1880S	●			
18.9	TEZ1890S	●			
19.0	TEZ1900S	●			
19.1	TEZ1910S	●			
19.2	TEZ1920S	●			
19.3	TEZ1930S	●			
19.4	TEZ1940S	●			
19.5	TEZ1950S	●			
19.6	TEZ1960S	●	15.1	6.5	TEZD20*
19.7	TEZ1970S	●			
19.8	TEZ1980S	●			
19.9	TEZ1990S	●			
20.0	TEZ2000S	●			
20.5	TEZ2050S	●			

Note) 1 insert per case

NEW

TEZ-H
TYPE

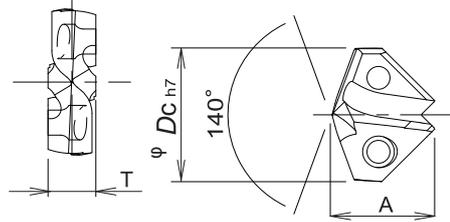
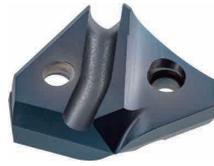
Insert - Grade DH115

● for Mold steel, Hardened steel (up to 52 HRC)

Through
coolant
hole

DH
Coating

Drilling



NEW

Dc	Cat.No.	Stk	A	T	Holder
13.5	TEZ1350H	●	11.4	4.5	TEZD14*
14.0	TEZ1400H	●			
14.1	TEZ1410H	●			
14.2	TEZ1420H	●			
14.3	TEZ1430H	●			
14.5	TEZ1450H	●			
15.0	TEZ1500H	●	11.5	4.8	TEZD15*
15.1	TEZ1510H	●			
15.2	TEZ1520H	●			
15.3	TEZ1530H	●			
15.5	TEZ1550H	●	12.4	5.0	TEZD16*
15.8	TEZ1580H	●			
15.9	TEZ1590H	●			
16.0	TEZ1600H	●			
16.1	TEZ1610H	●			
16.2	TEZ1620H	●			
16.3	TEZ1630H	●	13.2	5.5	TEZD17*
16.5	TEZ1650H	●			
17.0	TEZ1700H	●			
17.1	TEZ1710H	●	13.5	5.8	TEZD18*
17.5	TEZ1750H	●			
17.6	TEZ1760H	●			
17.7	TEZ1770H	●			
17.8	TEZ1780H	●			
18.0	TEZ1800H	●			
18.1	TEZ1810H	●			
18.5	TEZ1850H	●			

Dc	Cat.No.	Stk	A	T	Holder
19.0	TEZ1900H	●	14.2	6.0	TEZD19*
19.5	TEZ1950H	●			
19.8	TEZ1980H	●	15.1	6.5	TEZD20*
20.0	TEZ2000H	●			
20.2	TEZ2020H	●			
20.5	TEZ2050H	●			

Note) 1 insert per case

■ Recommended Cutting Conditions

● TEZ type JC8050

Material	Structural Steel , Carbon Steel below 280HB	Alloy Steel 280-350HB	Tool Steel below 255HB
Vc (m/min)	75 - 90	70 - 90	70 - 90
f (mm/rev)	0.30 - 0.35	0.22 - 0.25	0.22 - 0.25

Material	Stainless Steel	Grey Cast Iron	Nodular Cast Iron
Vc (m/min)	45	85 - 110	60 - 90
f (mm/rev)	0.25	0.30 - 0.40	0.15 - 0.28

● TEZ-S type JC7515

Material	Titanium Alloy	Stainless Steel
Vc (m/min)	35 - 60	45 - 80
f (mm/rev)	0.15 - 0.20	0.15 - 0.20

● TEZ-H type DH115

Material	Mold Steel 30 - 36HRC	Mold Steel 38 - 43HRC	Hardened Steel 42 - 52HRC
Vc (m/min)	50 - 70	40 - 60	40 - 60
f (mm/rev)	0.15 - 0.25	0.10 - 0.20	0.10 - 0.15

Note)

1. Use water-soluble coolant.
2. Adjust cutting conditions according to machine rigidity or work rigidity.
3. When using -XL (8D) type , reduce rpm & Vf by 20% from standard cutting conditions.
Pre-drilling of guide-hole (depth : 0.5D) is recommended.

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