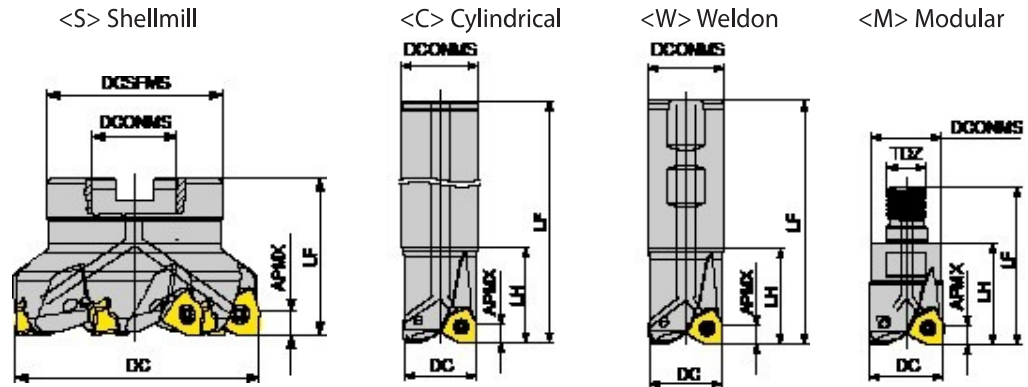


Milling - Shoulder Milling - Cutter

Cutters for WNEX

Entering Angle : 90°
6 Corner Negative



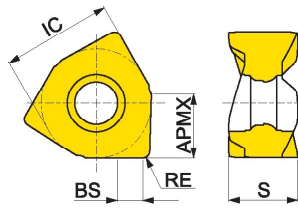
WNEX04 CUTTER

CICT : Number of Inserts
CBDP : Connection Bore Depth

EDP	Material Description	DC	LH	LF	Type	DCON /TDZ	CBDP	DCSFMS		CICT (Pocket)
17001221	E90-WN04-D20Z2W20-L110	20	40	110	Weldon	20	-	-	O	2
17001223	E90-WN04-D20Z3W20-L110	20	40	110	Weldon	20	-	-	O	3
17001225	E90-WN04-D25Z3W25-L110	25	40	110	Weldon	25	-	-	O	3
17001227	E90-WN04-D25Z4W25-L110	25	40	110	Weldon	25	-	-	O	4
17001229	E90-WN04-D32Z5W32-L110	32	40	110	Weldon	32	-	-	O	5
17001231	E90-WN04-D32Z6W32-L110	32	40	110	Weldon	32	-	-	O	6
17001222	E90-WN04-D20Z2C20-L150	20	40	150	Cylindrical	20	-	-	O	2
17001224	E90-WN04-D20Z3C20-L150	20	40	150	Cylindrical	20	-	-	O	3
17001255	E90-WN04-D21Z2C20-L150	21	40	150	Cylindrical	20	-	-	O	2
17001226	E90-WN04-D25Z3C25-L150	25	40	150	Cylindrical	25	-	-	O	3
17001228	E90-WN04-D25Z4C25-L150	25	40	150	Cylindrical	25	-	-	O	4
17001256	E90-WN04-D26Z3C25-L150	26	40	150	Cylindrical	25	-	-	O	3
17001230	E90-WN04-D32Z5C32-L150	32	40	150	Cylindrical	32	-	-	O	5
17001241	M90-WN04-D20Z2M10	20	35	55	Modular	M10	-	18	O	2
17001242	M90-WN04-D20Z3M10	20	35	55	Modular	M10	-	18	O	3
17001243	M90-WN04-D25Z3M12	25	35	57	Modular	M12	-	21	O	3
17001244	M90-WN04-D25Z4M12	25	35	57	Modular	M12	-	21	O	4
17001245	M90-WN04-D32Z5M16	32	43	68	Modular	M16	-	29	O	5
17001246	M90-WN04-D32Z6M16	32	43	68	Modular	M16	-	29	O	6
17001232	F90-WN04-D40Z5S16	40	-	40	Shellmill	16	18	38	O	5
17001233	F90-WN04-D40Z6S16	40	-	40	Shellmill	16	18	38	O	6
17001234	F90-WN04-D40Z7S16	40	-	40	Shellmill	16	18	38	O	7
17001257	F90-WN04-D42Z7S16	42	-	40	Shellmill	16	18	38	O	7
17001235	F90-WN04-D50Z7S22	50	-	40	Shellmill	22	20	45	O	7
17001236	F90-WN04-D50Z8S22	50	-	40	Shellmill	22	20	45	O	8
17001237	F90-WN04-D50Z9S22	50	-	40	Shellmill	22	20	45	O	9
17001258	F90-WN04-D52Z9S22	52	-	40	Shellmill	22	20	45	O	9
17001238	F90-WN04-D63Z8S22	63	-	40	Shellmill	22	20	48	O	8
17001239	F90-WN04-D63Z10S22	63	-	40	Shellmill	22	20	48	O	10
17001240	F90-WN04-D63Z11S22	63	-	40	Shellmill	22	20	48	O	11

Milling - Shoulder Milling - Inserts

WNEX - Shoulder Milling Negative (6 Corners)



Series	IC	S
WNE* 0806	12.9	6.25

WNEX04 INSERT

EDP	Material Description	RE (mm)	Fz (mm/tooth)	BS (mm)	Grade
12001028	WNEX040304R-GN-YG612/WNEX040304R-GN	0,4	0.05 ~ 0.24	2	YG612
12001029	WNEX040304R-GN-YG012/WNEX040304R-GN	0,4	0.05 ~ 0.24	2	YG012
12001030	WNEX040304R-GN-YG613/WNEX040304R-GN	0,4	0.05 ~ 0.24	2	YG613
12001031	WNEX040304R-GN-YG712/WNEX040304R-GN	0,4	0.05 ~ 0.24	2	YG712
12001032	WNEX040304R-GN-YG5020/WNEX040304R-GN	0,4	0.05 ~ 0.24	2	YG5020
12001033	WNEX040304R-GN-YG501/WNEX040304R-GN	0,4	0.05 ~ 0.24	2	YG501
12001036	WNEX040308R-GN-YG612/WNEX040308R-GN	0,8	0.05 ~ 0.24	1,65	YG612
12001037	WNEX040308R-GN-YG012/WNEX040308R-GN	0,8	0.05 ~ 0.24	1,65	YG012
12001038	WNEX040308R-GN-YG613/WNEX040308R-GN	0,8	0.05 ~ 0.24	1,65	YG613
12001039	WNEX040308R-GN-YG712/WNEX040308R-GN	0,8	0.05 ~ 0.24	1,65	YG712
12001040	WNEX040308R-GN-YG5020/WNEX040308R-GN	0,8	0.05 ~ 0.24	1,65	YG5020
12001041	WNEX040308R-GN-YG501/WNEX040308R-GN	0,8	0.05 ~ 0.24	1,65	YG501
12001044	WNEX040312R-GN-YG612/WNEX040312R-GN	1,2	0.05 ~ 0.24	1,3	YG612
12001045	WNEX040312R-GN-YG012/WNEX040312R-GN	1,2	0.05 ~ 0.24	1,3	YG012
12001046	WNEX040312R-GN-YG613/WNEX040312R-GN	1,2	0.05 ~ 0.24	1,3	YG613
12001047	WNEX040312R-GN-YG712/WNEX040312R-GN	1,2	0.05 ~ 0.24	1,3	YG712
12001048	WNEX040312R-GN-YG5020/WNEX040312R-GN	1,2	0.05 ~ 0.24	1,3	YG5020
12001049	WNEX040312R-GN-YG501/WNEX040312R-GN	1,2	0.05 ~ 0.24	1,3	YG501
12001034	WNEX040304R-ST-YG612/WNEX040304R-ST	0,4	0.05 ~ 0.16	2	YG612
12001035	WNEX040304R-ST-YG613/WNEX040304R-ST	0,4	0.05 ~ 0.16	2	YG613
12001042	WNEX040308R-ST-YG612/WNEX040308R-ST	0,8	0.05 ~ 0.16	1,65	YG612
12001043	WNEX040308R-ST-YG613/WNEX040308R-ST	0,8	0.05 ~ 0.16	1,65	YG613
12001050	WNEX040312R-ST-YG612/WNEX040312R-ST	1,2	0.05 ~ 0.16	1,3	YG612
12001051	WNEX040312R-ST-YG613/WNEX040312R-ST	1,2	0.05 ~ 0.16	1,3	YG613

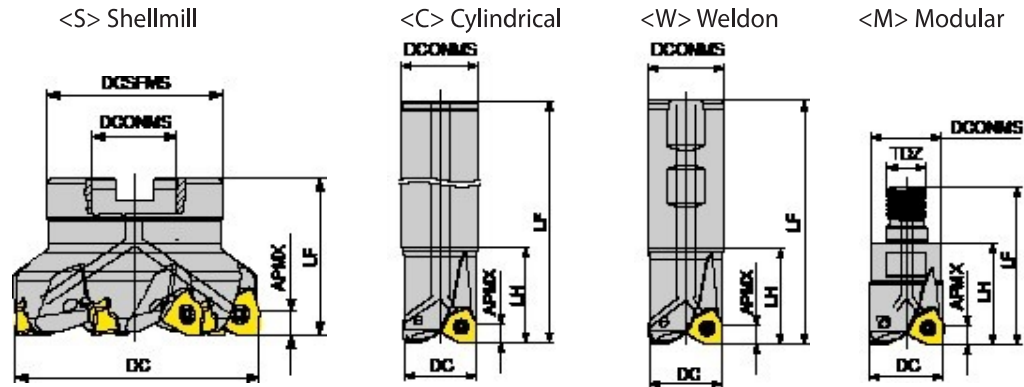
* Clamping Torque (Nm) 0.8Nm

WNEX	Screw	Wrench	Handle	BIT
Description	TP072557-GS	TPWBTP07	DT-G4	DB-TP07
EDP	18000275	18000289	18000189	18000278

Milling - Shoulder Milling - Cutter

Cutters for WNEX

Entering Angle : 90°
6 Corner Negative



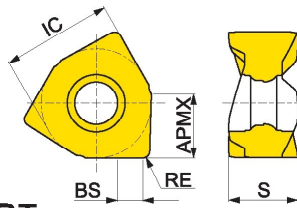
WNEX08 CUTTER

CICT : Number of Inserts
CBDP : Connection Bore Depth

EDP	Material Description	DC	LH	LF	Type	DCON /TBZ	CBDP	DCSFMS		CICT (Pocket)	
17000969	E90-WN08-D32Z2W32-L120	32	120	40	Weldon	32	-	-	O	2	
17000972	E90-WN08-D40Z3W32-L120	40	120	40	Weldon	32	-	-	O	3	
17000973	E90-WN08-D40Z4W32-L120	40	120	40	Weldon	32	-	-	O	4	
17000974	E90-WN08-D50Z4W32-L120	50	120	40	Weldon	32	-	-	O	4	
17000990	E90-WN08-D50Z5W32-L120	50	120	40	Weldon	32	-	-	O	5	
17000872	E90-WN08-D32Z2C32-L200	32	200	60	Cylindrical	32	-	-	O	2	
17000991	E90-WN08-D32Z2C32-L120	32	120	40	Cylindrical	32	-	-	O	2	
17000873	E90-WN08-D33Z2C32-L200	33	200	40	Cylindrical	32	-	-	O	2	
17000874	E90-WN08-D40Z3C32-L200	40	200	40	Cylindrical	32	-	-	O	3	
17000994	E90-WN08-D40Z3C32-L120	40	120	40	Cylindrical	32	-	-	O	3	
17000996	E90-WN08-D40Z4C32-L120	40	120	40	Cylindrical	32	-	-	O	4	
17000997	E90-WN08-D50Z4C32-L120	50	120	40	Cylindrical	32	-	-	O	4	
17000998	E90-WN08-D50Z5C32-L120	50	120	40	Cylindrical	32	-	-	O	5	
17001004	M90-WN08-D32Z2M16	32	65	42	Modular	M16	-	29	O	2	
17000984	M90-WN08-D40Z4M16	40	65	42	Modular	M16	-	29	O	4	
17001005	M90-WN08-D40Z3M16	40	65	42	Modular	M16	-	29	O	3	
17000875	F90-WN08-D50Z4S22	50	40	-	Shellmill	22	20	44	O	4	
17000976	F90-WN08-D50Z5S22	50	40	-	Shellmill	22	20	44	O	5	
17000876	F90-WN08-D63Z5S22	63	40	-	Shellmill	22	20	48	O	5	
17000977	F90-WN08-D63Z6S22	63	40	-	Shellmill	22	20	48	O	6	
17000877	F90-WN08-D80Z7S25.4	80	50	-	Shellmill	25.4	26.64	56	O	7	
17000878	F90-WN08-D80Z7S27	80	50	-	Shellmill	27	23	56	O	7	
17000978	F90-WN08-D80Z9S27	80	50	-	Shellmill	27	23	56	O	9	
17000999	F90-WN08-D80Z4S27	80	50	-	Shellmill	27	20	56	O	4	
17001000	F90-WN08-D80Z6S25.4	80	50	-	Shellmill	25,4	26,64	56	O	6	
17000979	F90-WN08-D100Z9S32	100	50	-	Shellmill	32	26	67	O	9	
17000980	F90-WN08-D100Z11S32	100	50	-	Shellmill	32	26	67	O	11	
17001002	F90-WN08-D100Z8S31.75-WOC	100	50	-	Shellmill	31,75	32	67	X	8	
17000981	F90-WN08-D125Z11S40	125	63	-	Shellmill	40	29	85	O	11	
17000982	F90-WN08-D125Z14S40	125	63	-	Shellmill	40	29	85	O	14	
17001003	F90-WN08-D125Z10S38.1-WOC	125	63	-	Shellmill	38,1	38	85	X	10	

Milling - Shoulder Milling - Inserts

WNEX - Shoulder Milling Negative (6 Corners)



Series	IC	S
WNE* 0806	12.9	6.25

WNEX08 INSERT

EDP	Material Description	RE (mm)	Fz (mm/tooth)	BS (mm)	Grade
12000855	WNEX080604R-GN-YG612/WNEX080604R-GN	0,4	0.05 ~ 0.26	3,2	YG612
12000856	WNEX080604R-GN-YG012/WNEX080604R-GN	0,4	0.05 ~ 0.26	3,2	YG012
12000857	WNEX080604R-GN-YG712/WNEX080604R-GN	0,4	0.05 ~ 0.26	3,2	YG712
12000858	WNEX080604R-GN-YG5020/WNEX080604R-GN	0,4	0.05 ~ 0.26	3,2	YG5020
12000924	WNEX080604R-GN-YG501/WNEX080604R-GN	0,4	0.05 ~ 0.26	3,2	YG501
12000792	WNEX080608R-GN-YG712/WNEX080608R-GN	0,8	0.05 ~ 0.26	2,8	YG712
12000793	WNEX080608R-GN-YG613/WNEX080608R-GN	0,8	0.05 ~ 0.26	2,8	YG613
12000794	WNEX080608R-GN-YG5020/WNEX080608R-GN	0,8	0.05 ~ 0.26	2,8	YG5020
12000795	WNEX080608R-GN-YG501/WNEX080608R-GN	0,8	0.05 ~ 0.26	2,8	YG501
12000854	WNEX080608R-GN-YG612/WNEX080608R-GN	0,8	0.05 ~ 0.26	2,8	YG612
12000859	WNEX080608R-GN-YG012/WNEX080608R-GN	0,8	0.05 ~ 0.26	2,8	YG012
12000877	WNEX080612R-GN-YG012/WNEX080612R-GN	1,2	0.05 ~ 0.26	2,4	YG012
12000878	WNEX080612R-GN-YG712/WNEX080612R-GN	1,2	0.05 ~ 0.26	2,4	YG712
12000879	WNEX080612R-GN-YG5020/WNEX080612R-GN	1,2	0.05 ~ 0.26	2,4	YG5020
12000885	WNEX080612R-GN-YG612/WNEX080612R-GN	1,2	0.05 ~ 0.26	2,4	YG612
12000860	WNEX080616R-GN-YG612/WNEX080616R-GN	1,6	0.05 ~ 0.26	2	YG612
12000861	WNEX080616R-GN-YG012/WNEX080616R-GN	1,6	0.05 ~ 0.26	2	YG012
12000862	WNEX080616R-GN-YG712/WNEX080616R-GN	1,6	0.05 ~ 0.26	2	YG712
12000863	WNEX080616R-GN-YG5020/WNEX080616R-GN	1,6	0.05 ~ 0.26	2	YG5020
12000925	WNEX080612R-GN-YG501/WNEX080612R-GN	1,6	0.05 ~ 0.26	2	YG501
12000926	WNEX080616R-GN-YG501/WNEX080616R-GN	1,6	0.05 ~ 0.26	2	YG501
12000882	WNEX080620R-GN-YG012/WNEX080620R-GN	2	0.05 ~ 0.26	1,6	YG012
12000883	WNEX080620R-GN-YG712/WNEX080620R-GN	2	0.05 ~ 0.26	1,6	YG712
12000884	WNEX080620R-GN-YG5020/WNEX080620R-GN	2	0.05 ~ 0.26	1,6	YG5020
12000886	WNEX080620R-GN-YG612/WNEX080620R-GN	2	0.05 ~ 0.26	1,6	YG612
12000927	WNEX080620R-GN-YG501/WNEX080620R-GN	2	0.05 ~ 0.26	1,6	YG501
12000864	WNEX080604R-ST-YG612/WNEX080604R-ST	0,4	0.05 ~ 0.19	3,6	YG612
12000865	WNEX080604R-ST-YG613/WNEX080604R-ST	0,4	0.05 ~ 0.19	3,6	YG613
12000866	WNEX080608R-ST-YG612/WNEX080608R-ST	0,8	0.05 ~ 0.19	3,3	YG612
12000867	WNEX080608R-ST-YG613/WNEX080608R-ST	0,8	0.05 ~ 0.19	3,3	YG613
12000875	WNEX080612R-ST-YG612/WNEX080612R-ST	1,2	0.05 ~ 0.19	2,8	YG612
12000876	WNEX080612R-ST-YG613/WNEX080612R-ST	1,2	0.05 ~ 0.19	2,8	YG613
12000868	WNEX080616R-ST-YG612/WNEX080616R-ST	1,6	0.05 ~ 0.19	2,4	YG612
12000869	WNEX080616R-ST-YG613/WNEX080616R-ST	1,6	0.05 ~ 0.19	2,4	YG613
12000880	WNEX080620R-ST-YG612/WNEX080620R-ST	2	0.05 ~ 0.19	2	YG612
12000881	WNEX080620R-ST-YG613/WNEX080620R-ST	2	0.05 ~ 0.19	2	YG613

* Clamping Torque (Nm) 3.0Nm

WNEX0806	Screw	Wrench	Handle	BIT
Description	TP154011-GS	TPWBTP15	DH-H4	DB-TP15
EDP	18000251	18000217	18000189	18000208

Milling Grades		P Steel					M Stainless steel				K Cast iron				N Non-ferrous				S Superalloys				H Hardened Steel			
		P05	P15	P25	P35	P45	M05	M15	M25	M35	K05	K15	K25	K35	N05	N15	N25	N35	S05	S15	S25	S35	H05	H15	H25	H35
PVD	YG012		012																				012			
	YG712		712																							
	YG713		713																							
	YG612			612					612											612						
	YG613				613				613																	
	YG501										501															
CVD	YG5020										5020															
Uncoated	YG50														50											

YG MILL GRADES



YG012 P10 - P30 H10 - H30

Optimized Milling Grade for Pre-Hardened & Hardened steel



YG501 K05 - K25

Hard Milling grade for Cast Iron



YG712 P10 - P30

Milling Grade for Medium of Steel Application



YG5020 K01 - K30

CVD grade for Cast Iron



YG612 P20 - P40 M20 - M40 S20 - S40

Specialized Multi-Nano Coated Grade with high wear resistance and chipping resistance



YG50 N05 - N20

Uncoated Milling Grade for Aluminium



YG613 P30 - P50 M30 - M40

Milling Grade for Stainless Steel Application

YG MILL CHIP BREAKERS

-AL



- For Aluminum
- Very Sharp Geometry

-ST



- For Stainless Steel, Super Alloy
- Sharp Geometry

General Inserts
(GN)



- First Choice for General Application

-TR



- For Hardened Steels
- Reinforced Geometry

...W / ...N



- For Hardened Material and Cast Irons