

TECNOVOATools, S.L.

SUMINISTROS DE MECANIZADO



OFERTA ESPECIAL

Validez : Hasta 31/12/2025

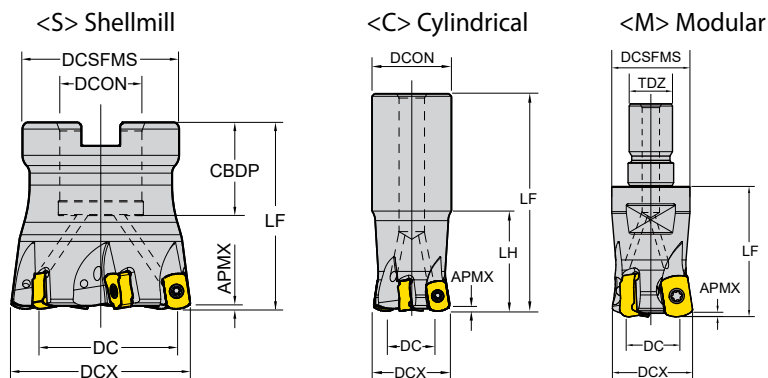
PLACAS CAUTIVAS	CONDICIONES DE LA PROMOCION
ENMX06	COMPRA 10 UDS.POR ASIENTO Y CONSIGUE 1 PLATO GRATIS
PNMU	
TPKT07/11/16	
LNHU/LNKU13	
WNEX04/WNEX08	COMPRA 30 UDS. + 1 PORTA Y CONSIGUE OTRO ***GRATIS ***SE PUEDE ELEGIR 1 SI L/D ES IGUAL
SYMx05/06/07/08	

PLACAS TRONZADO Y RANURADO	CONDICIONES DE LA PROMOCION
SYMx05/06/07/08	COMPRA 20 UDS. POR ASIENTO Y CONSIGUE UN PORTA GRATIS

Cutters for ENMX

Entering Angle : 10°

4 Corner Negative



ENMX06 CUTTER

CICT : Number of Inserts
CDBP : Connection Bore Depth

EDP	Material Description	DCX	DC	LH	LF	Type	DCON /TDZ	CBDP	DCSFMS	CICT (Pocket)	Promotion
17000644	EHF-ENMX06-D16Z2C16-L100	16	9	30	100	Cylindrical	16	-	-	O 2	COMPR 10 PLACAS POR ASIENTO Y CONSIGUE UN PLATO GRATIS
17000645	EHF-ENMX06-D16Z2C16-L150	16	9	50	150	Cylindrical	16	-	-	O 2	
17000473	EHF-ENMX06-D17Z2C16-L150	17	10	20	150	Cylindrical	16	-	-	O 2	
17000674	EHF-ENMX06-D17Z2C16-L100	17	10	20	100	Cylindrical	16	-	-	O 2	
17000463	EHF-ENMX06-D20Z3C20-L130	20	12,6	50	130	Cylindrical	20	-	-	O 3	
17000646	EHF-ENMX06-D20Z3C20-L160	20	12,6	80	160	Cylindrical	20	-	-	O 3	
17000475	EHF-ENMX06-D21Z3C20-L150	21	13,6	20	150	Cylindrical	20	-	-	O 3	
17000476	EHF-ENMX06-D21Z3C20-L200	21	13,6	20	200	Cylindrical	20	-	-	O 3	
17000647	EHF-ENMX06-D25Z4C25-L140	25	17,6	60	140	Cylindrical	25	-	-	O 4	
17000464	EHF-ENMX06-D25Z4C25-L180	25	17,6	80	180	Cylindrical	25	-	-	O 4	
17000648	EHF-ENMX06-D25Z4C25-L250	25	17,6	120	250	Cylindrical	25	-	-	O 4	
17000479	EHF-ENMX06-D26Z4C25-L150	26	18,6	30	150	Cylindrical	25	-	-	O 4	
17000480	EHF-ENMX06-D26Z4C25-L200	26	18,6	30	200	Cylindrical	25	-	-	O 4	
17000839	EHF-ENMX06-D30Z5C32-L140	30	22,6	30	140	Cylindrical	32	-	-	O 5	
17000649	EHF-ENMX06-D32Z5C32-L150	32	24,6	70	150	Cylindrical	32	-	-	O 5	
17000465	EHF-ENMX06-D32Z5C32-L200	32	24,6	100	200	Cylindrical	32	-	-	O 5	
17000691	MHF-ENMX06-D16Z2M08	16	9	-	23	Modular	M08	-	13	O 2	
17000730	MHF-ENMX06-D18Z2M08	18	11	-	23	Modular	M08	-	13	O 2	
17000692	MHF-ENMX06-D20Z3M10	20	12,6	-	30	Modular	M10	-	18	O 3	
17000693	MHF-ENMX06-D25Z4M12	25	17,6	-	35	Modular	M12	-	21	O 4	
17000694	MHF-ENMX06-D32Z5M16	32	24,6	-	42	Modular	M16	-	29	O 5	
17000695	MHF-ENMX06-D35Z5M16	35	27,6	-	42	Modular	M16	-	29	O 5	
17000732	MHF-ENMX06-D40Z6M16	40	32,6	-	42	Modular	M16	-	29	O 6	
17000696	MHF-ENMX06-D42Z6M16	42	34,6	-	42	Modular	M16	-	29	O 6	
17000482	FHF-ENMX06-D40Z6S16	40	32,6	-	40	ShellMill	16	18	37	O 6	
17000471	FHF-ENMX06-D50Z6S22	50	42,6	-	50	ShellMill	22	25	42	O 6	
17001463	FHF-ENMX06-D63Z7S22	63	55,6	-	50	ShellMill	22	25	50	7	

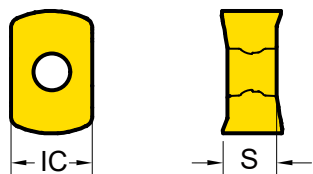
* Clamping Torque (Nm) 1.2Nm

ENMX06	Screw	Wrench	Handle	BIT
Description	TP082507-GS	TPWBTP08	DH-H4	DB-TP08
EDP	18000206	18000218	18000189	18000190

Milling - High Feed Milling - Inserts

ENMX - High Feed Negative (4 Corners)

Series	IC	S
ENMX 0604	6.3	4.21



PVP: 6,24 € / unidad

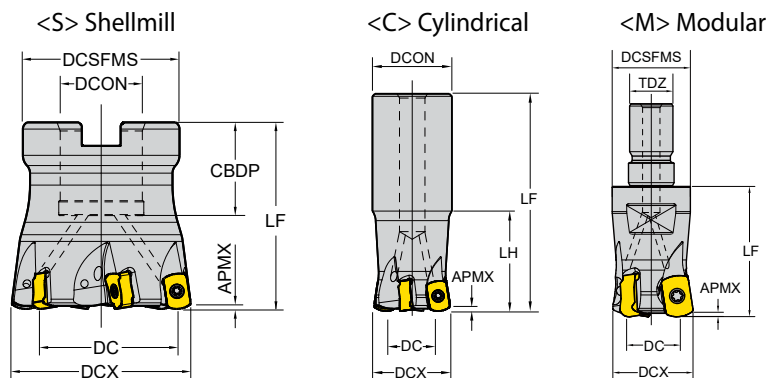
ENMX06 INSERT

EDP	Material Description	RE (mm)	Fz (mm/tooth)	Grade
12000623	ENMX0604-ST-YG602/ENMX0604-ST	0,8	0,1 ~ 0,8	YG602
12000625	ENMX0604-ST-YG613/ENMX0604-ST	0,8	0,1 ~ 0,8	YG613
12000973	ENMX0604-ST-YG612/ENMX0604-ST	0,8	0,1 ~ 0,8	YG612
12000474	ENMX0604-YG602/ENMX0604	0,8	0,3 ~ 2,0	YG602
12000553	ENMX0604-YG622/ENMX0604	0,8	0,3 ~ 2,0	YG622
12000606	ENMX0604-YG613/ENMX0604	0,8	0,3 ~ 2,0	YG613
12000734	ENMX0604-YG012/ENMX0604	0,8	0,3 ~ 2,0	YG012
12000822	ENMX0604-YG612/ENMX0604	0,8	0,3 ~ 2,0	YG612
12000459	ENMX0604-TR-YG602/ENMX0604-TR	0,8	0,3 ~ 2,5	YG602
12000504	ENMX0604-TR-YG712/ENMX0604-TR	0,8	0,3 ~ 2,5	YG712
12000552	ENMX0604-TR-YG622/ENMX0604-TR	0,8	0,3 ~ 2,5	YG622
12000636	ENMX0604-TR-YG713/ENMX0604-TR	0,8	0,3 ~ 2,5	YG713
12000733	ENMX0604-TR-YG012/ENMX0604-TR	0,8	0,3 ~ 2,5	YG012
12000823	ENMX0604-TR-YG612/ENMX0604-TR	0,8	0,3 ~ 2,5	YG612

Cutters for ENMX

Entering Angle : 10°

4 Corner Negative



ENMX09 CUTTER

CICT : Number of Inserts
CDBP : Connection Bore Depth

EDP	Material Description	DCX	DC	LH	LF	Type	DCON /TDZ	CDBP	DCSFMS	CICT (Pocket)	Promotion
17000745	EHF-ENMX09-D25Z2C25-L150	25	15	70	150	Cylindrical	25	-	-	O 2	COMPRA 10 PLACAS POR ASIENTO Y CONSIGUE UN PLATO GRATIS
17000746	EHF-ENMX09-D26Z2C25-L200	26	16	30	200	Cylindrical	25	-	-	O 2	
17000747	EHF-ENMX09-D26Z3C25-L200	26	16	30	200	Cylindrical	25	-	-	O 3	
17000748	EHF-ENMX09-D32Z3C32-L160	32	22	70	160	Cylindrical	32	-	-	O 3	
17000749	EHF-ENMX09-D33Z3C32-L200	33	23	30	200	Cylindrical	32	-	-	O 3	
17000750	EHF-ENMX09-D33Z4C32-L200	33	23	40	200	Cylindrical	32	-	-	O 4	
17000751	EHF-ENMX09-D40Z5C32-L180	40	30	70	180	Cylindrical	32	-	-	O 5	
17000811	MHF-ENMX09-D25Z2M12	25	15	-	35	Modular	M12	-	21	O 2	
17000812	MHF-ENMX09-D25Z3M12	25	15	-	35	Modular	M12	-	21	O 3	
17000813	MHF-ENMX09-D26Z2M12	26	16	-	35	Modular	M12	-	21	O 2	
17000814	MHF-ENMX09-D26Z3M12	26	16	-	35	Modular	M12	-	21	O 3	
17000815	MHF-ENMX09-D32Z3M16	32	22	-	42	Modular	M16	-	29	O 3	
17000816	MHF-ENMX09-D32Z4M16	32	22	-	42	Modular	M16	-	29	O 4	
17000817	MHF-ENMX09-D33Z2M16	33	23	-	42	Modular	M16	-	29	O 2	
17000818	MHF-ENMX09-D33Z3M16	33	23	-	42	Modular	M16	-	29	O 3	
17000819	MHF-ENMX09-D33Z4M16	33	23	-	42	Modular	M16	-	29	O 4	
17000989	MHF-ENMX09-D35Z4M16	35	25	-	42	Modular	M16	-	29	O 4	
17000752	FHF-ENMX09-D50Z5S22	50	40	-	50	Shellmill	22	20	42	O 5	
17000820	FHF-ENMX09-D50Z3S22	50	40	-	50	Shellmill	22	20	42	O 3	
17000821	FHF-ENMX09-D50Z4S22	50	40	-	50	Shellmill	22	20	42	O 4	
17001124	FHF-ENMX09-D52Z4S22	52	42	-	50	Shellmill	22	20	50	O 4	
17000754	FHF-ENMX09-D63Z7S22	63	53	-	50	Shellmill	22	20	48	O 7	
17000753	FHF-ENMX09-D63Z6S22	63	53	-	50	Shellmill	22	20	48	O 6	
17000822	FHF-ENMX09-D63Z4S22	63	53	-	50	Shellmill	22	20	48	O 4	
17000823	FHF-ENMX09-D63Z5S22	63	53	-	50	Shellmill	22	20	48	O 5	
17000755	FHF-ENMX09-D80Z8S27	80	70	-	50	Shellmill	27	23	56	O 8	
17000824	FHF-ENMX09-D100Z10S32	100	90	-	63	Shellmill	32	26	78	O 10	
17000825	FHF-ENMX09-D125Z12S40	125	115	-	63	Shellmill	40	29	89	O 12	

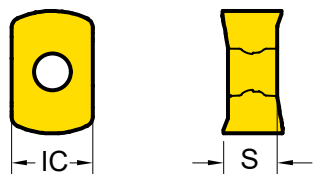
* Clamping Torque (Nm) 2.0Nm

ENMX09 Description EDP	Screw	Wrench	Handle	BIT
	TP093510-GS	TPWBTP09	DH-H4	DB-TP09
	18000214	18000216	18000189	18000209

Milling - High Feed Milling - Inserts

ENMX - High Feed Negative (4 Corners)

Series	IC	S
ENMX 0905	9.0	5.40



PVP: 7,48 € / unidad

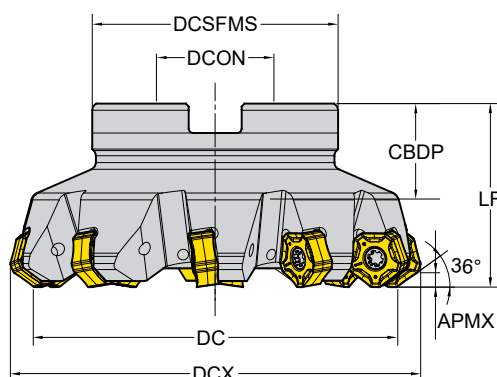
ENMX09 INSERT

EDP	Material Description	RE (mm)	Fz (mm/tooth)	Grade
12000705	ENMX0905-ST-YG602/ENMX0905-ST	1,0	0,2 ~ 1,2	YG602
12000706	ENMX0905-ST-YG613/ENMX0905-ST	1,0	0,2 ~ 1,2	YG613
12000974	ENMX0905-ST-YG612/ENMX0905-ST	1,0	0,2 ~ 1,2	YG612
12000702	ENMX0905-YG602/ENMX0905	1,0	0,3 ~ 2,5	YG602
12000703	ENMX0905-YG613/ENMX0905	1,0	0,3 ~ 2,5	YG613
12000704	ENMX0905-YG622/ENMX0905	1,0	0,3 ~ 2,5	YG622
12000736	ENMX0905-YG012/ENMX0905	1,0	0,3 ~ 2,5	YG012
12000824	ENMX0905-YG612/ENMX0905	1,0	0,3 ~ 2,5	YG612
12000600	ENMX0905-TR-YG602/ENMX0905-TR	1,0	0,3 ~ 3,0	YG602
12000629	ENMX0905-TR-YG622/ENMX0905-TR	1,0	0,3 ~ 3,0	YG622
12000717	ENMX0905-TR-YG713/ENMX0905-TR	1,0	0,3 ~ 3,0	YG713
12000735	ENMX0905-TR-YG012/ENMX0905-TR	1,0	0,3 ~ 3,0	YG012
12000825	ENMX0905-TR-YG612/ENMX0905-TR	1,0	0,3 ~ 3,0	YG612
12000874	ENMX0905-TR-YG613/ENMX0905-TR	1,0	0,3 ~ 3,0	YG613

Cutters for PNMU

Entering Angle : 36°
10 Corner Negative

<S> Shellmill



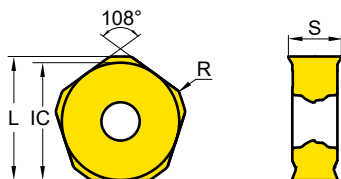
PNMU CUTTER CICT : Number of Inserts
CDBP : Connection Bore Depth

EDP	Material Description	DCX	DC	LF	Type	DCON/ TDZ	CBDP	DCSFMS	PCD1	CICT (Pocket)	Promotion
17000774	F36-PNMU12-D50Z4S22	63,6	50	40	Shellmill	22	20	42	-	O	4
17000785	F36-PNMU12-D50Z5S22	63,6	50	40	Shellmill	22	20	42	-	O	5
17000483	F36-PNMU12-D63Z6S22	76,6	63	40	Shellmill	22	20	48	-	O	6
17000775	F36-PNMU12-D63Z5S22	76,6	63	40	Shellmill	22	20	48	-	O	5
17000466	F36-PNMU12-D80Z8S27	93,6	80	50	Shellmill	27	23	58	-	O	8
17000826	F36-PNMU12-D80Z6S27	93,6	80	50	Shellmill	27	23	58	-	O	6
17000467	F36-PNMU12-D100Z10S32	113,6	100	50	Shellmill	32	26	67	-	O	10
17000827	F36-PNMU12-D100Z7S32	113,6	100	50	Shellmill	32	26	67	-	O	7
17000786	F36-PNMU12-D125Z10S40	138,6	125	63	Shellmill	40	29	89	-	O	10
17000828	F36-PNMU12-D125Z8S40	138,6	125	63	Shellmill	40	29	89	-	O	8
17000829	F36-PNMU12-D160Z10S40	173,6	160	63	Shellmill	40	40	100	66,7	X	10
17000830	F36-PNMU12-D200Z12S60	213,6	200	63	Shellmill	60	44	150	101,6	X	12

**COMPRA 10
PLACAS POR
ASIENTO Y
CONSIGUE UN
PLATO GRATIS**

Milling - Face Milling - Inserts

PNMU - Face Milling Negative (10 Corners)



Series	KRINS	IC	S
PNMU 1206	36	14.0	5.84

PVP: 8,71 €/ unidad

PNMU INSERT

Material	Material Description	RE (mm)	Fz (mm/tooth)	BS (mm)	Grade
12000761	PNMU1206-ST-YG602/PNMU1206-ST	0,8	0,05 ~ 0,30	2,1	YG602
12000978	PNMU1206-ST-YG612/PNMU1206-ST	0,8	0,05 ~ 0,30	2,1	YG612
12000760	PNMU1206-ST-YG613/PNMU1206-ST	0,8	0,05 ~ 0,30	2,1	YG613
12000753	PNMU1206ZNN-YG012/PNMU1206ZNN	0,8	0,05 ~ 0,50	2,1	YG012
12000538	PNMU1206ZNN-YG501G/PNMU1206ZNN	0,8	0,05 ~ 0,50	2,1	YG501G
12000534	PNMU1206ZNN-YG5020/PNMU1206ZNN	0,8	0,05 ~ 0,50	2,1	YG5020
12000535	PNMU1206ZNN-YG602/PNMU1206ZNN	0,8	0,05 ~ 0,50	2,1	YG602
12000826	PNMU1206ZNN-YG612/PNMU1206ZNN	0,8	0,05 ~ 0,50	2,1	YG612
12000671	PNMU1206ZNN-YG613/PNMU1206ZNN	0,8	0,05 ~ 0,50	2,1	YG613
12000596	PNMU1206ZNN-YG712/PNMU1206ZNN	0,8	0,05 ~ 0,50	2,1	YG712
12000645	PNMU1206ZNN-YG713/PNMU1206ZNN	0,8	0,05 ~ 0,50	2,1	YG713

* Clamping Torque (Nm) 3.0Nm

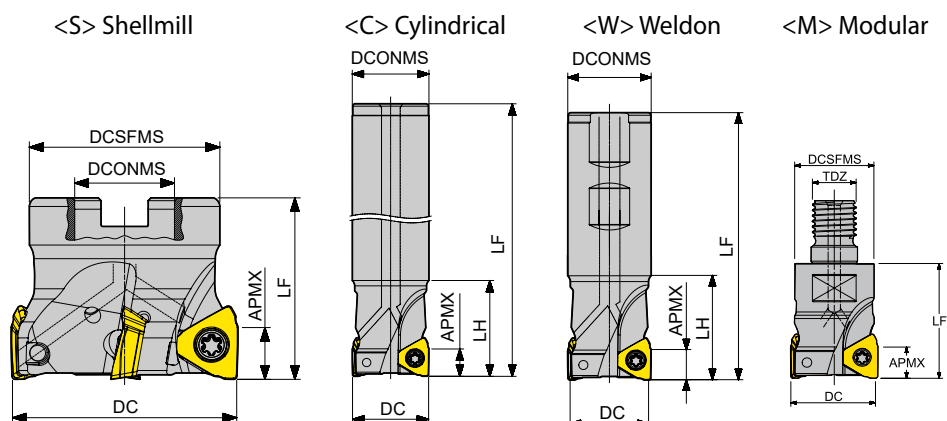
PNMU12 Description EDP	Screw	Wrench	Handle	BIT
	TP154008	TPWBTP15	DH-H4	DB-TP15
	18000006	18000217	18000189	18000208

Milling - Shoulder Milling - Cutter

Cutters for TPKT

Entering Angle : 90°

3 Corner Positive

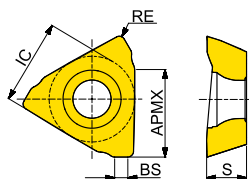


Unit : mm

TPCT07/TPKT07 CUTTER

CICT : Number of Inserts
CBDP : Connection Bore Depth

EDP	Material Description	DC	LH	LF	Type	DCON /TDZ	CBDP	DCSFMS		CICT (Pocket)	Promotion
17001144	E90-TP07-D25Z4W20-L115	25	25	115	Weldon	20	-	-	O	4	COMPR 10 PLACAS POR ASIENTO Y CONSIGUE UN PLATO GRATIS
17001145	E90-TP07-D25Z5W25-L115	25	25	115	Weldon	25	-	-	O	5	
17001147	E90-TP07-D32Z6W25-L130	32	30	130	Weldon	25	-	-	O	6	
17001148	E90-TP07-D40Z8W32-L130	40	30	130	Weldon	32	-	-	O	8	
17001136	E90-TP07-D12Z1C12-L80	12	20	80	Cylindrical	12	-	-	O	1	
17001137	E90-TP07-D14Z1C12-L80	14	20	80	Cylindrical	12	-	-	O	1	
17001138	E90-TP07-D16Z2C16-L110	16	25	110	Cylindrical	16	-	-	O	2	
17001139	E90-TP07-D16Z2C16-L150	16	25	150	Cylindrical	16	-	-	O	2	
17001140	E90-TP07-D16Z3C16-L150	16	25	150	Cylindrical	16	-	-	O	3	
17001141	E90-TP07-D17Z3C16-L150	17	25	150	Cylindrical	16	-	-	O	3	
17001192	E90-TP07-D17Z2C16-L150	17	25	150	Cylindrical	16	-	-	O	2	
17001193	E90-TP07-D17Z2C16-L200	17	25	200	Cylindrical	16	-	-	O	2	
17001142	E90-TP07-D18Z3C16-L150	18	25	150	Cylindrical	16	-	-	O	3	
17001143	E90-TP07-D20Z3C20-L160	20	25	160	Cylindrical	20	-	-	O	3	
17001194	E90-TP07-D21Z3C20-L160	21	25	160	Cylindrical	20	-	-	O	2	
17001146	E90-TP07-D25Z5C25-L115	25	25	115	Cylindrical	25	-	-	O	5	
17001161	E90-TP07-D42Z8C32-L130	42	30	130	Cylindrical	32	-	-	O	8	
17001154	M90-TP07-D16Z2M08	16	23	40	Modular	M08	-	13	O	2	COMPR 10 PLACAS POR ASIENTO Y CONSIGUE UN PLATO GRATIS
17001155	M90-TP07-D20Z3M10	20	35	55	Modular	M10	-	18	O	3	
17001156	M90-TP07-D22Z4M10	22	35	55	Modular	M10	-	18	O	4	
17001157	M90-TP07-D25Z5M12	25	35	57	Modular	M12	-	21	O	5	
17001158	M90-TP07-D32Z6M16	32	43	68	Modular	M16	-	29	O	6	
17001159	M90-TP07-D40Z7M16	40	43	68	Modular	M16	-	29	O	7	
17001160	M90-TP07-D42Z8M16	42	43	68	Modular	M16	-	29	O	8	
17001149	F90-TP07-D32Z6S16	32	-	32	Shellmill	16	18,0	30	O	6	
17001150	F90-TP07-D35Z7S16	35	-	35	Shellmill	16	18,0	30	O	7	
17001151	F90-TP07-D40Z7S16	40	-	40	Shellmill	16	18,0	38	O	7	
17001152	F90-TP07-D40Z8S16	40	-	40	Shellmill	16	18,0	38	O	8	
17001153	F90-TP07-D40Z8S22	40	-	40	Shellmill	22	20,0	38	O	8	
17001162	F90-TP07-D50Z9S22	50	-	40	Shellmill	22	20,0	45	O	9	
17001163	F90-TP07-D52Z9S22	52	-	40	Shellmill	22	20,0	45	O	9	



PVP TPKT: 5,39 € / unidad
PVP TPCT: 5,93 € / unidad

Series	KRINS	IC	S
TP** 07	90	5.51	2.62
TP** 1104	90	7.54	4.28
TP** 1605	90	11.66	5.38

TPCT07/TPKT07 INSERT

EDP	Material Description	RE (mm)	Fz (mm/tooth)	BS (mm)	Grade
12001008	TPCT070302R-AL-YG50/TPCT070302R-AL	0,2	0.05 ~ 0.2	1,35	YG50
12001009	TPCT070304R-AL-YG50/TPCT070304R-AL	0,4	0.05 ~ 0.2	1,15	YG50
12001011	TPCT070308R-AL-YG50/TPCT070308R-AL	0,8	0.05 ~ 0.2	0,75	YG50
12000986	TPKT070302R-GN-YG612/TPKT070302R-GN	0,2	0.05 ~ 0.2	1	YG612
12000987	TPKT070302R-GN-YG012/TPKT070302R-GN	0,2	0.05 ~ 0.2	1	YG012
12000988	TPKT070302R-GN-YG613/TPKT070302R-GN	0,2	0.05 ~ 0.2	1	YG613
12000989	TPKT070302R-GN-YG712/TPKT070302R-GN	0,2	0.05 ~ 0.2	1	YG712
12000990	TPKT070304R-GN-YG612/TPKT070304R-GN	0,4	0.05 ~ 0.2	0,9	YG612
12000991	TPKT070304R-GN-YG012/TPKT070304R-GN	0,4	0.05 ~ 0.2	0,9	YG012
12000992	TPKT070304R-GN-YG613/TPKT070304R-GN	0,4	0.05 ~ 0.2	0,9	YG613
12000993	TPKT070304R-GN-YG712/TPKT070304R-GN	0,4	0.05 ~ 0.2	0,9	YG712
12000994	TPKT070304R-GN-YG5020/TPKT070304R-GN	0,4	0.05 ~ 0.2	0,9	YG5020
12000995	TPKT070304R-GN-YG501/TPKT070304R-GN	0,4	0.05 ~ 0.2	0,9	YG501
12000996	TPKT070308R-GN-YG612/TPKT070308R-GN	0,8	0.05 ~ 0.2	0,5	YG612
12000997	TPKT070308R-GN-YG012/TPKT070308R-GN	0,8	0.05 ~ 0.2	0,5	YG012
12000998	TPKT070308R-GN-YG613/TPKT070308R-GN	0,8	0.05 ~ 0.2	0,5	YG613
12000999	TPKT070308R-GN-YG712/TPKT070308R-GN	0,8	0.05 ~ 0.2	0,5	YG712
12001000	TPKT070308R-GN-YG5020/TPKT070308R-GN	0,8	0.05 ~ 0.2	0,5	YG5020
12001001	TPKT070308R-GN-YG501/TPKT070308R-GN	0,8	0.05 ~ 0.2	0,5	YG501
12001002	TPKT070302R-ST-YG612/TPKT070302R-ST	0,2	0.05 ~ 0.13	1	YG612
12001003	TPKT070302R-ST-YG613/TPKT070302R-ST	0,2	0.05 ~ 0.13	1	YG613
12001004	TPKT070304R-ST-YG612/TPKT070304R-ST	0,4	0.05 ~ 0.13	0,9	YG612
12001005	TPKT070304R-ST-YG613/TPKT070304R-ST	0,4	0.05 ~ 0.13	0,9	YG613
12001006	TPKT070308R-ST-YG612/TPKT070308R-ST	0,8	0.05 ~ 0.13	0,5	YG612
12001007	TPKT070308R-ST-YG613/TPKT070308R-ST	0,8	0.05 ~ 0.13	0,5	YG613

** Clamping Torque (Nm) 0.6Nm

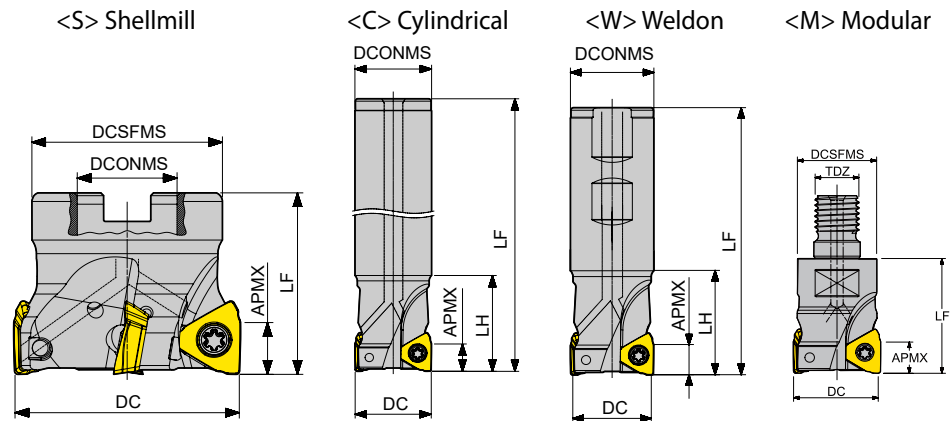
TPKT07	Screw	Wrench	Handle	BIT
Description	TP062004-GS	TPWBTP06	DH-H4	DB-TP06
EDP	18000252	18000277	18000189	18000274

Milling - Shoulder Milling - Cutter

Cutters for TPKT

Entering Angle : 90°

3 Corner Positive

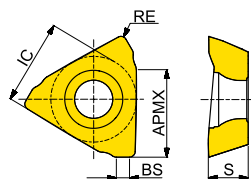


TPCT11/TPKT11 CUTTER

CICT : Number of Inserts
CBDP : Connection Bore Depth

Unit : mm

EDP	Material Description	DC	LH	LF	Type	DCON /TDZ	CBDP	DCSFMS		CICT (Pocket)	Promotion
17000995	E90-TP11-D20Z2W20-L90	20	40	90	Weldon	20	-	-	O	2	COMPRA 10 PLACAS POR ASIENTO Y CONSIGUE UN PLATO GRATIS
17001040	E90-TP11-D25Z3W25-L100	25	40	100	Weldon	25	-	-	O	3	
17001046	E90-TP11-D32Z4W32-L110	32	40	110	Weldon	32	-	-	O	4	
17001049	E90-TP11-D40Z5W32-L115	40	40	115	Weldon	32	-	-	O	5	
17001037	E90-TP11-D20Z2C20-L170	20	40	170	Cylindrical	20	-	-	O	2	
17001026	E90-TP11-D25Z3C25-L200	20	150	200	Cylindrical	25	-	-	O	3	
17001038	E90-TP11-D21Z2C20-L150	21	40	150	Cylindrical	20	-	-	O	2	
17001039	E90-TP11-D21Z2C20-L200	21	40	200	Cylindrical	20	-	-	O	2	
17001041	E90-TP11-D26Z2C25-L200	26	40	200	Cylindrical	25	-	-	O	2	
17001042	E90-TP11-D26Z2C25-L250	26	40	200	Cylindrical	25	-	-	O	2	
17001043	E90-TP11-D26Z3C25-L150	26	40	150	Cylindrical	25	-	-	O	3	
17001044	E90-TP11-D26Z3C25-L200	26	40	200	Cylindrical	25	-	-	O	3	
17001045	E90-TP11-D32Z3C32-L230	32	60	230	Cylindrical	32	-	-	O	3	
17001047	E90-TP11-D33Z3C32-L200	33	40	200	Cylindrical	32	-	-	O	3	
17001048	E90-TP11-D40Z4C32-L200	40	60	200	Cylindrical	32	-	-	O	4	
17001093	M90-TP11-D20Z2M10	20	35	55	Modular	M10	-	18	O	2	
17001094	M90-TP11-D25Z3M12	25	35	57	Modular	M12	-	21	O	3	
17001095	M90-TP11-D32Z4M16	32	43	68	Modular	M16	-	29	O	4	
17001096	M90-TP11-D35Z5M16	35	43	68	Modular	M16	-	29	O	5	
17001050	F90-TP11-D40Z5S16	40	-	40	Shellmill	16	20	38	O	5	
17001097	F90-TP11-D42Z5S16	42	-	40	Shellmill	16	20	38	O	5	
17001051	F90-TP11-D50Z6S22	50	-	40	Shellmill	22	20	42	O	6	
17001098	F90-TP11-D52Z6S22	52	-	40	Shellmill	22	20	48	O	6	
17001118	F90-TP11-D52Z5S22	52	-	40	Shellmill	22	20	48	O	5	
17001052	F90-TP11-D63Z7S22	63	-	40	Shellmill	22	20	48	O	7	
17001053	F90-TP11-D63Z8S22	63	-	40	Shellmill	22	20	48	O	8	
17001119	F90-TP11-D80Z9S27	80	-	50	Shellmill	27	23	60	O	9	
17001120	F90-TP11-D100Z11S32	100	-	50	Shellmill	32	26	80	O	11	



PVP TPKT: 6,26 € / unidad
PVP TPCT: 6,86 € / unidad

Series	KRINS	IC	S
TP** 07	90	5.51	2.62
TP** 1104	90	7.54	4.28
TP** 1605	90	11.66	5.38

TPCT11/TPKT11 INSERT

EDP	Material Description	RE (mm)	Fz (mm/tooth)	BS (mm)	Grade
12000894	TPCT110404R-AL-YG50/TPCT110404R-AL	0,4	0.05 ~ 0.25	1,5	YG50
12000895	TPCT110408R-AL-YG50/TPCT110408R-AL	0,8	0.05 ~ 0.25	1,1	YG50
12000801	TPKT110404R-GN-YG612/TPKT110404R-GN	0,4	0.05 ~ 0.24	1,6	YG612
12000802	TPKT110404R-GN-YG012/TPKT110404R-GN	0,4	0.05 ~ 0.24	1,6	YG012
12000807	TPKT110404R-GN-YG712/TPKT110404R-GN	0,4	0.05 ~ 0.24	1,6	YG712
12000808	TPKT110404R-GN-YG5020/TPKT110404R-GN	0,4	0.05 ~ 0.24	1,6	YG5020
12000928	TPKT110404R-GN-YG501/TPKT110404R-GN	0,4	0.05 ~ 0.24	1,6	YG501
12000803	TPKT110408R-GN-YG612/TPKT110408R-GN	0,8	0.05 ~ 0.24	1,15	YG612
12000804	TPKT110408R-GN-YG012/TPKT110408R-GN	0,8	0.05 ~ 0.24	1,15	YG012
12000811	TPKT110408R-GN-YG712/TPKT110408R-GN	0,8	0.05 ~ 0.24	1,15	YG712
12000812	TPKT110408R-GN-YG5020/TPKT110408R-GN	0,8	0.05 ~ 0.24	1,15	YG5020
12000929	TPKT110408R-GN-YG501/TPKT110408R-GN	0,8	0.05 ~ 0.24	1,15	YG501
12000805	TPKT110416R-GN-YG612/TPKT110416R-GN	1,6	0.05 ~ 0.24	0,6	YG612
12000806	TPKT110416R-GN-YG012/TPKT110416R-GN	1,6	0.05 ~ 0.24	0,6	YG012
12000815	TPKT110416R-GN-YG712/TPKT110416R-GN	1,6	0.05 ~ 0.24	0,6	YG712
12000816	TPKT110416R-GN-YG5020/TPKT110416R-GN	1,6	0.05 ~ 0.24	0,6	YG5020
12000930	TPKT110416R-GN-YG501/TPKT110416R-GN	1,6	0.05 ~ 0.24	0,6	YG501
12000809	TPKT110404R-ST-YG612/TPKT110404R-ST	0,4	0.05 ~ 0.15	1,6	YG612
12000810	TPKT110404R-ST-YG613/TPKT110404R-ST	0,4	0.05 ~ 0.15	1,6	YG613
12000813	TPKT110408R-ST-YG612/TPKT110408R-ST	0,8	0.05 ~ 0.15	1,15	YG612
12000814	TPKT110408R-ST-YG613/TPKT110408R-ST	0,8	0.05 ~ 0.15	1,15	YG613

* Clamping Torque (Nm) 1.2Nm

TPKT1104 (D20, D21)	Screw	Wrench	Handle	BIT
Description	TP082562-GS	TPWBTP08	DH-H4	DB-TP08
EDP	18000265	18000218	18000189	18000190

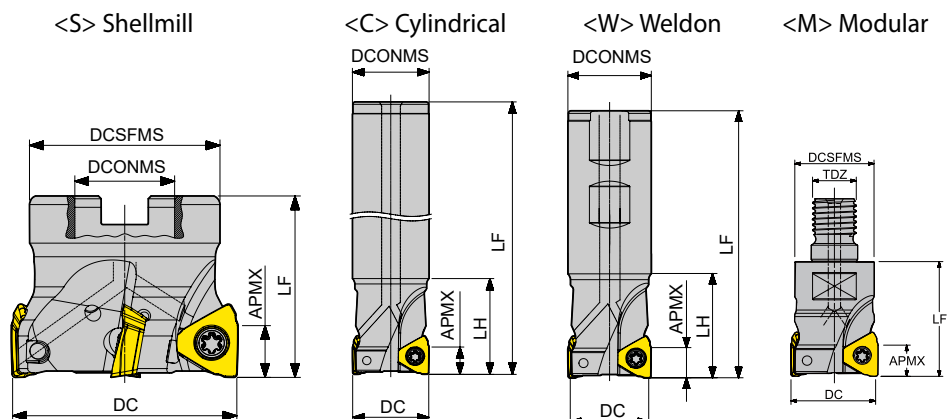
TPKT1104 (over D25)	Screw	Wrench	Handle	BIT
Description	TP082506-GS	TPWBTP08	DH-H4	DB-TP08
EDP	18000259	18000218	18000189	18000190

Milling - Shoulder Milling - Cutter

Cutters for TPKT

Entering Angle : 90°

3 Corner Positive



Unit : mm

TPCT16/TPKT16 CUTTER

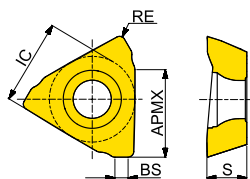
CICT : Number of Inserts
CBDP : Connection Bore Depth

EDP	Material Description	DC	LH	LF	Type	DCON /TDZ	CBDP	DCSFMS	PCD		CICT (Pocket)	Promotion
17000944	E90-TP16-D40Z3W32-L110	40	40	-	Weldon	32	-	-	-	O	3	COMPRA 10 PLACAS POR ASIENTO Y CONSIGUE UN PLATO GRATIS
17000941	E90-TP16-D32Z2C32-L150	32	40	150	Cylindrical	32	-	-	-	O	2	
17000942	E90-TP16-D32Z2C32-L250	32	80	250	Cylindrical	32	-	-	-	O	2	
17000929	E90-TP16-D33Z2C32-L200	33	40	200	Cylindrical	32	-	-	-	O	2	
17001010	E90-TP16-D33Z2C32-L250	33	40	250	Cylindrical	32	-	-	-	O	2	
17000945	E90-TP16-D40Z4C32-L200	40	40	-	Cylindrical	32	-	-	-	O	4	
17000931	F90-TP16-D50Z4S22	50	-	40	Shellmill	22	20	42	-	O	4	
17001069	F90-TP16-D50Z5S22	50	-	40	Shellmill	22	20	42	-	O	5	
17000932	F90-TP16-D63Z5S22	63	-	40	Shellmill	22	20	48	-	O	5	
17000947	F90-TP16-D63Z6S22	63	-	40	Shellmill	22	20	48	-	O	6	
17000948	F90-TP16-D80Z6S27	80	-	50	Shellmill	27	23	56	-	O	6	
17000949	F90-TP16-D80Z7S27	80	-	50	Shellmill	27	23	56	-	O	7	
17000950	F90-TP16-D100Z8S32	100	-	50	Shellmill	32	26	67	-	O	8	
17000951	F90-TP16-D125Z10S40	125	-	63	Shellmill	40	29	89	-	O	10	
17000952	F90-TP16-D125Z12S40	125	-	63	Shellmill	40	29	89	-	O	12	
17000953	F90-TP16-D160Z11S40	160	-	63	Shellmill	40	40	110	66,7	X	11	
17000955	F90-TP16-D200Z11S60	200	-	63	Shellmill	60	32	160	101,6	X	11	

* Clamping Torque (Nm) 0.6Nm

TPKT1605	Screw	Wrench	Handle	BIT
Description	TP062004-GS	TPWBTP06	DH-H4	DB-TP06
EDP	18000252	18000277	18000189	18000274

TPKT - Shoulder Milling Positive (3 Corner ISO)



PVP TPKT: 6,86 € / unidad
PVP TPCT: 7,56 € / unidad

Series	KRINS	IC	S
TP** 07	90	5.51	2.62
TP** 1104	90	7.54	4.28
TP** 1605	90	11.66	5.38

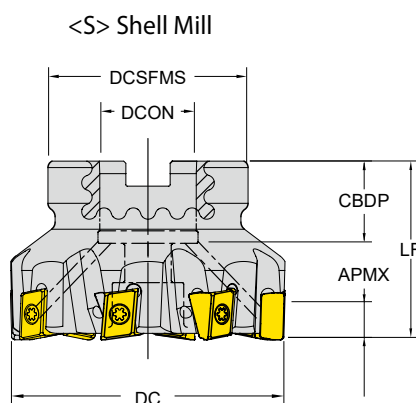
TPCT16/TPKT16 INSERT

EDP	Material Description	RE (mm)	Fz (mm/tooth)	BS (mm)	Grade
12000896	TPCT160504R-AL-YG50/TPCT160504R-AL	0,4	0.05 ~ 0.5	2,4	YG50
12000897	TPCT160508R-AL-YG50/TPCT160508R-AL	0,8	0.05 ~ 0.5	1,9	YG50
12000888	TPKT160504R-GN-YG012/TPKT160504R-GN	0,4	0.05 ~ 0.27	2,19	YG012
12000890	TPKT160504R-GN-YG5020/TPKT160504R-GN	0,4	0.05 ~ 0.27	2,19	YG5020
12000887	TPKT160504R-GN-YG612/TPKT160504R-GN	0,4	0.05 ~ 0.27	2,19	YG612
12000889	TPKT160504R-GN-YG712/TPKT160504R-GN	0,4	0.05 ~ 0.27	2,19	YG712
12000931	TPKT160504R-GN-YG501/TPKT160504R-GN	0,4	0.05 ~ 0.27	2,19	YG501
12000718	TPKT160508R-GN-YG612/TPKT160508R-GN	0,8	0.05 ~ 0.27	1,79	YG612
12000779	TPKT160508R-GN-YG712/TPKT160508R-GN	0,8	0.05 ~ 0.27	1,79	YG712
12000780	TPKT160508R-GN-YG5020/TPKT160508R-GN	0,8	0.05 ~ 0.27	1,79	YG5020
12000781	TPKT160508R-GN-YG012/TPKT160508R-GN	0,8	0.05 ~ 0.27	1,79	YG012
12000932	TPKT160508R-GN-YG501/TPKT160508R-GN	0,8	0.05 ~ 0.27	1,79	YG501
12000784	TPKT160516R-GN-YG612/TPKT160516R-GN	1,6	0.05 ~ 0.27	1,2	YG612
12000785	TPKT160516R-GN-YG012/TPKT160516R-GN	1,6	0.05 ~ 0.27	1,2	YG012
12000786	TPKT160516R-GN-YG712/TPKT160516R-GN	1,6	0.05 ~ 0.27	1,2	YG712
12000787	TPKT160516R-GN-YG5020/TPKT160516R-GN	1,6	0.05 ~ 0.27	1,2	YG5020
12000933	TPKT160516R-GN-YG501/TPKT160516R-GN	1,6	0.05 ~ 0.27	1,2	YG501
12000788	TPKT160524R-GN-YG612/TPKT160524R-GN	2,4	0.05 ~ 0.27	0,7	YG612
12000789	TPKT160524R-GN-YG012/TPKT160524R-GN	2,4	0.05 ~ 0.27	0,7	YG012
12000790	TPKT160524R-GN-YG712/TPKT160524R-GN	2,4	0.05 ~ 0.27	0,7	YG712
12000791	TPKT160524R-GN-YG5020/TPKT160524R-GN	2,4	0.05 ~ 0.27	0,7	YG5020
12000934	TPKT160524R-GN-YG501/TPKT160524R-GN	2,4	0.05 ~ 0.27	0,7	YG501
12000892	TPKT160504R-ST-YG613/TPKT160504R-ST	0,4	0.05 ~ 0.15	2,19	YG613
12000758	TPKT160508R-ST-YG612/TPKT160508R-ST	0,8	0.05 ~ 0.15	1,79	YG612
12000759	TPKT160508R-ST-YG613/TPKT160508R-ST	0,8	0.05 ~ 0.15	1,79	YG613

Milling - Shoulder Milling - Cutter

Cutters for LNHU, LNKU

Entry Angle : 90°
4 Corner Negative



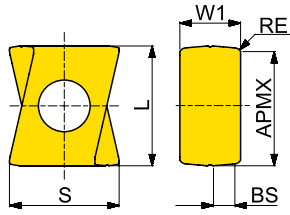
LNHU13/LNKU13 CUTTER

ZEFP : Effective Number of Cutting Edges
CDBP : Connection Bore Depth

EDP	Material Description	DC	LF	Type	DCON/ TDZ	CDBP	DCSFMS	PCD1		CICT (Pocket)	Promotion
17000787	F90-LNHU13R-D40Z4S16	40	40	Shellmill	16	18	37	-	O	4	COMPRA 10 PLACAS POR ASIENTO Y CONSIGUE UN PLATO GRATIS
17000884	F90-LNHU13R-D40Z5S16	40	40	Shellmill	16	18	37	-	O	5	
17000793	F90-LNHU13R-D50Z5S22	50	40	Shellmill	22	20	42	-	O	5	
17000794	F90-LNHU13R-D50Z6S22	50	40	Shellmill	22	20	42	-	O	6	
17000795	F90-LNHU13R-D63Z6S22	63	40	Shellmill	22	20	48	-	O	6	
17000796	F90-LNHU13R-D63Z8S22	63	40	Shellmill	22	20	48	-	O	8	
17000797	F90-LNHU13R-D80Z7S27	80	50	Shellmill	27	23	56	-	O	7	
17000798	F90-LNHU13R-D80Z8S27	80	50	Shellmill	27	23	56	-	O	8	
17000885	F90-LNHU13R-D80Z10S27	80	50	Shellmill	27	23	56	-	O	10	
17000910	F90-LNHU13R-D80Z5S27	80	50	Shellmill	27	23	56	-	O	5	
17000845	F90-LNHU13R-D100Z8S32	100	50	Shellmill	32	26	67	-	O	8	
17000846	F90-LNHU13R-D100Z13S32	100	50	Shellmill	32	26	67	-	O	13	
17000886	F90-LNHU13R-D100Z9S32	100	50	Shellmill	32	26	67	-	O	9	
17000911	F90-LNHU13R-D100Z6S32	100	50	Shellmill	32	26	67	-	O	6	
17000887	F90-LNHU13R-D125Z11S40	125	63	Shellmill	40	29	89	-	O	11	
17000888	F90-LNHU13R-D125Z16S40	125	63	Shellmill	40	29	89	-	O	16	
17000889	F90-LNHU13R-D160Z13S40	160	63	Shellmill	40	40	110	66,7	X	13	
17000890	F90-LNHU13R-D160Z18S40	160	63	Shellmill	40	40	110	66,7	X	18	

* Clamping Torque (Nm) 3.0Nm

TPKT1605	Screw	Wrench	Handle	BIT
Description	TP150412-GS	TPWBTP15	DH-H6	DB-TP15
EDP	18000225	18000217	18000210	18000208



PVP LNHU: 14,73 € / unidad

PVP LNKU: 10,86 € / unidad

Series	W1	L
LN*U 1306	6.7	13.2

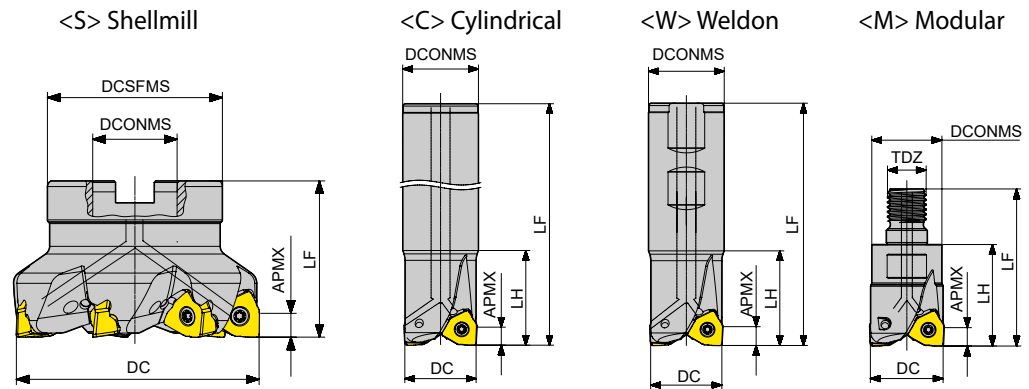
LNHU13/LNKU13 INSERT

EDP	Material Description	RE (mm)	Fz (mm/tooth)	BS (mm)	Grade
12000905	LNHU130608R-YG012/LNHU130608R	0,8	0.05 ~ 0.3	2,09	YG012
12000725	LNHU130608R-YG5020/LNHU130608R	0,8	0.05 ~ 0.3	2,09	YG5020
12000640	LNHU130608R-YG602/LNHU130608R	0,8	0.05 ~ 0.3	2,09	YG602
12000723	LNHU130608R-YG612/LNHU130608R	0,8	0.05 ~ 0.3	2,09	YG612
12000724	LNHU130608R-YG613/LNHU130608R	0,8	0.05 ~ 0.3	2,09	YG613
12000906	LNKU130608R-YG012/LNKU130608R	0,8	0.05 ~ 0.3	2,09	YG012
12000907	LNKU130612R-YG012/LNKU130612R	1,2	0.05 ~ 0.3	1,73	YG012
12000919	LNKU130616R-YG012/LNKU130616R	1,6	0.05 ~ 0.3	1,6	YG012
12000935	LNKU130608R-YG501/LNKU130608R	0,8	0.05 ~ 0.3	2,09	YG501
12000936	LNKU130612R-YG501/LNKU130612R	1,2	0.05 ~ 0.3	1,73	YG501
12000742	LNKU130608R-YG5020/LNKU130608R	0,8	0.05 ~ 0.3	2,09	YG5020
12000766	LNKU130612R-YG5020/LNKU130612R	1,2	0.05 ~ 0.3	1,73	YG5020
12000782	LNKU130616R-YG5020/LNKU130616R	1,6	0.05 ~ 0.3	1,6	YG5020
12000739	LNKU130608R-YG602/LNKU130608R	0,8	0.05 ~ 0.3	2,09	YG602
12000763	LNKU130612R-YG602/LNKU130612R	1,2	0.05 ~ 0.3	1,73	YG602
12000740	LNKU130608R-YG612/LNKU130608R	0,8	0.05 ~ 0.3	2,09	YG612
12000764	LNKU130612R-YG612/LNKU130612R	1,2	0.05 ~ 0.3	1,73	YG612
12001052	LNKU130616R-YG612/LNKU130616R	1,6	0.05 ~ 0.3	1,6	YG612
12000741	LNKU130608R-YG613/LNKU130608R	0,8	0.05 ~ 0.3	2,09	YG613
12000765	LNKU130612R-YG613/LNKU130612R	1,2	0.05 ~ 0.3	1,73	YG613

Milling - Shoulder Milling - Cutter

Cutters for WNEX

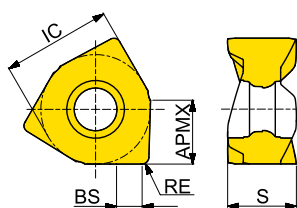
Entering Angle : 90°
6 Corner Negative



WNEX04 CUTTER

CICT : Number of Inserts
CBDP : Connection Bore Depth

EDP	Material Description	DC	LH	LF	Type	DCON /TDZ	CBDP	DCSFMS		CICT (Pocket)	Promotion
17001221	E90-WN04-D20Z2W20-L110	20	40	110	Weldon	20	-	-	O	2	COMPR 10 PLACAS POR ASIENTO Y CONSIGUE UN PLATO GRATIS
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	



PVP WNEX: 8,44 € / unidad

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) 3.0Nm

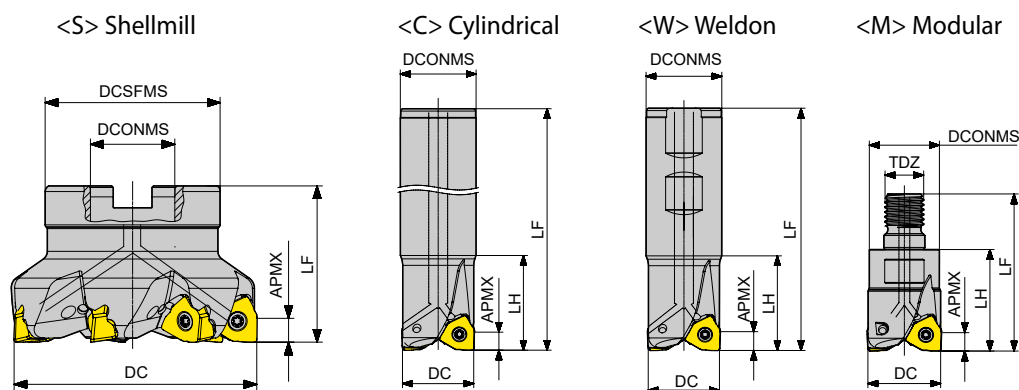
WNEX	Screw	Wrench	Handle	BIT
Description	TP072557-GS	TPWBTP07	DT-G4	DB-TP07
EDP	18000275	18000289	18000189	18000278

Milling - Shoulder Milling - Cutter

Cutters for WNEX

Entering Angle : 90°

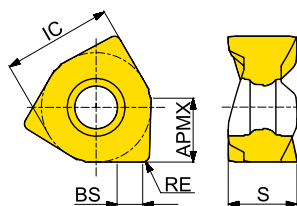
6 Corner Negative



WNEX08 CUTTER

CICT : Number of Inserts
CBDP : Connection Bore Depth

EDP	Material Description	DC	LH	LF	Type	DCON /TDZ	CBDP	DCSFMS		CICT (Pocket)	Promotion
17000969	E90-WN08-D32Z2W32-L120	32	120	40	Weldon	32	-	-	O	2	COMPRA 10 PLACAS POR ASIENTO Y CONSIGUE UN PLATO GRATIS
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	



PVP WNEX: 9,71 € / unidad

WNEX08 INSERT

Series	IC	S
WNE* 0806	12.9	6.25

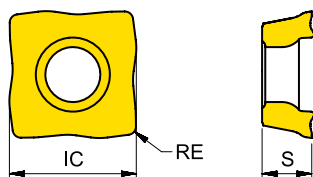
EDP	Material Description	RE (mm)	Fz (mm/tooth)	BS (mm)	Grade
12000855	WNEX080604R-GN-YG612/WNEX080604R-GN	0,4	0.05 ~ 0.26	3,2	YG612
12000856	WNEX080604R-GN-YG012/WNEX080604R-GN	0,4	0.05 ~ 0.26	3,2	YG012
12000857	WNEX080604R-GN-YG712/WNEX080604R-GN	0,4	0.05 ~ 0.26	3,2	YG712
12000858	WNEX080604R-GN-YG5020/WNEX080604R-GN	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

Drilling - Inserts

X-Drill Inserts (SYMXX)



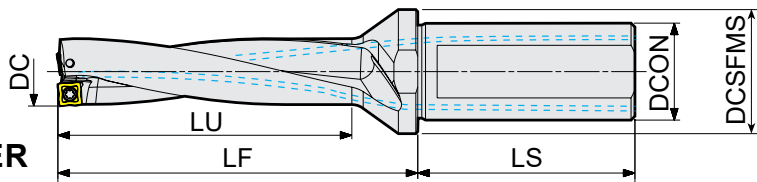
PVP SYMX: 17.31 € / unidad

Series	IC	S
SYMXX 0502	4.97	2.35

SYMXX05 INSERT

EDP	Material Description	RE (mm)	Grade
32000097	SYMXX050204-YG713/SYMXX050204	0,4	YG713
32000098	SYMXX050204-YG613/SYMXX050204	0,4	YG613

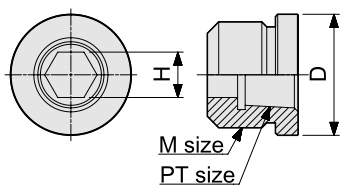
X-Drill Holder (SYMX05) (DC 14~16)



SYMX05 HOLDER

EDP	Material Description	DC	L/D	DCON	DF	OAL	LU	LF		DCON3	Insert Q'ty	L/D4	Promotion
37001019	YGSY2-140S20-05	14	2	20	25	96	28	46	O	20	30	2D	COMPRA 30 PLACAS Y UN PORTA Y CONSIGUE UN PORTA EXTRA GRATIS
37001020	YGSY2-150S20-05	15	2	20	25	99	30	49	O	20	30	2D	
37001021	YGSY2-160S20-05	16	2	20	25	102	32	52	O	25	30	2D	
37001134	YGSY2-145S20-05	14,5	2	20	25	99	30	49	O	20	30	2D	
37001135	YGSY2-155S20-05	15,5	2	20	25	102	32	52	O	20	30	2D	
37001136	YGSY2-165S20-05	16,5	2	20	25	104	34	54	O	20	30	2D	
37001031	YGSY3-140S20-05	14	3	20	25	110	42	60	O	20	30	3D	
37001032	YGSY3-150S20-05	15	3	20	25	114	45	64	O	20	30	3D	
37001033	YGSY3-160S20-05	16	3	20	25	118	48	68	O	20	30	3D	
37001149	YGSY3-145S20-05	14,5	3	20	25	114	45	64	O	20	30	3D	
37001150	YGSY3-155S20-05	15,5	3	20	25	118	48	68	O	20	30	3D	
37001151	YGSY3-165S20-05	16,5	3	20	25	122	51	72	O	20	30	3D	
37001043	YGSY4-140S20-05	14	4	20	25	124	56	74	O	20	30	4D	
37001044	YGSY4-150S20-05	15	4	20	25	129	60	79	O	20	30	4D	
37001045	YGSY4-160S20-05	16	4	20	25	134	64	84	O	20	30	4D	
37001164	YGSY4-145S20-05	14,5	4	20	25	129	60	79	O	20	30	4D	
37001165	YGSY4-155S20-05	15,5	4	20	25	134	64	84	O	20	30	4D	
37001166	YGSY4-165S20-05	16,5	4	20	25	139	68	89	O	20	30	4D	
37001055	YGSY5-140S20-05	14	5	20	25	138	70	88	O	20	30	5D	
37001056	YGSY5-150S20-05	15	5	20	25	144	75	94	O	20	30	5D	
37001057	YGSY5-160S20-05	16	5	20	25	150	80	100	O	20	30	5D	
37001179	YGSY5-145S20-05	14,5	5	20	25	144	75	94	O	20	30	5D	
37001180	YGSY5-155S20-05	15,5	5	20	25	150	80	100	O	20	30	5D	
37001181	YGSY5-165S20-05	16,5	5	20	25	155	85	106	O	20	30	5D	

PLUG (DCON20)



Designation	EDP No.	DCON	ØD	M size	PT size	H
PLUG M12-1/8	38000001	20	14	M12x1.0	PT 1/8	6

* Plug for turning lathe should be ordered separately.

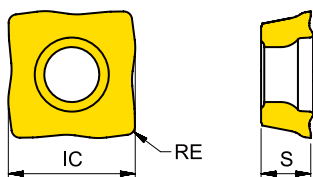
* Clamping Torque (Nm) 0.6Nm

SYMx05	Screw	Wrench
Description	TP062004-GS	TPWFTP06
EDP	18000252	18000262

Plug	DCON	Ø 20	Ø 25	Ø 32
Description		PLUG M12-1/8	PLUG M14-1/8	PLUG M22-1/4
EDP		38000001	38000002	38000003

Drilling - Inserts

X-Drill Inserts (SYMX)



PVP SYMX: 18.07€ / unidad

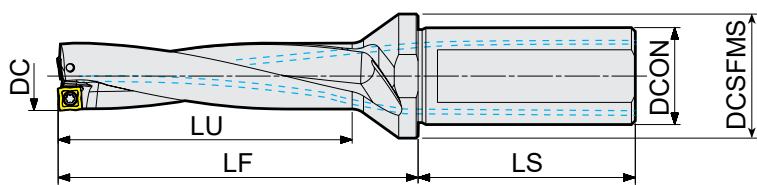
Series	IC	S
SYMX 0602	5.99	2.35

SYMX06 INSERT

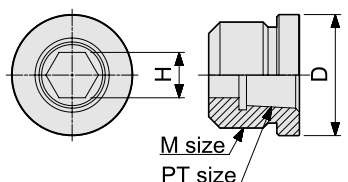
EDP	Material Description	RE (mm)	Grade
32000093	SYMXX060204-YG713/SYMXX060204	0,4	YG713
32000095	SYMXX060204-YG613/SYMXX060204	0,4	YG613

Drilling - Drill Holder

X-Drill Holder (SYMXX06) (DC 17~20)



PLUG (DCON25)



Designation	EDP No.	DCON	ØD	M size	PT size	H
PLUG M14-1/8	38000002	25	16	M14x1.0	PT 1/8	6

* Plug for turning lathe should be ordered separately.

* Clamping Torque (Nm) 0.7Nm

SYMXX06	Screw	Wrench
Description	TP072205-GS	TPWFTP07
EDP	18000253	18000001

Plug	DCON	Ø 20	Ø 25	Ø 32
Description		PLUG M12-1/8	PLUG M14-1/8	PLUG M22-1/4
EDP		38000001	38000002	38000003

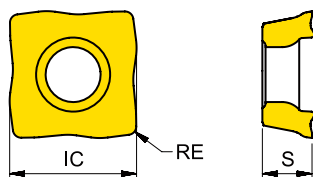
X-Drill Holder (SYM06) (DC 17~20)

SYM06 HOLDER

EDP	Material Description	DC	L/D	DCON	DF	OAL	LU	LF	🔹	DCON3	Insert Q'ty	L/D4	Promotion
37000851	YGSY2-170S25-06	17	2	25	32	110	34	54	O	25	30	2D	COMPRA 30 PLACAS Y UN PORTA Y CONSIGUE UN PORTA EXTRA GRATIS
37000852	YGSY2-180S25-06	18	2	25	32	113	36	57	O	25	30	2D	
37000853	YGSY2-190S25-06	19	2	25	32	115	38	59	O	25	30	2D	
37000854	YGSY2-200S25-06	20	2	25	32	119	40	63	O	25	30	2D	
37001137	YGSY2-175S25-06	17,5	2	25	32	113	36	57	O	25	30	2D	
37001138	YGSY2-185S25-06	18,5	2	25	32	115	38	59	O	25	30	2D	
37001139	YGSY2-195S25-06	19,5	2	25	32	119	40	63	O	25	30	2D	
37001140	YGSY2-205S25-06	20,5	2	25	32	121	42	65	O	25	30	2D	
37000855	YGSY3-170S25-06	17	3	25	32	127	51	71	O	25	30	3D	
37000856	YGSY3-180S25-06	18	3	25	32	131	54	75	O	25	30	3D	
37000857	YGSY3-190S25-06	19	3	25	32	134	57	78	O	25	30	3D	
37000858	YGSY3-200S25-06	20	3	25	32	139	60	83	O	25	30	3D	
37001152	YGSY3-175S25-06	17,5	3	25	32	131	54	75	O	25	30	3D	
37001153	YGSY3-185S25-06	18,5	3	25	32	134	57	78	O	25	30	3D	
37001154	YGSY3-195S25-06	19,5	3	25	32	139	60	83	O	25	30	3D	
37001155	YGSY3-205S25-06	20,5	3	25	32	142	63	86	O	25	30	3D	
37000859	YGSY4-170S25-06	17	4	25	32	144	68	88	O	25	30	4D	
37000860	YGSY4-180S25-06	18	4	25	32	149	72	93	O	25	30	4D	
37000861	YGSY4-190S25-06	19	4	25	32	153	76	97	O	25	30	4D	
37000862	YGSY4-200S25-06	20	4	25	32	159	80	103	O	25	30	4D	
37001167	YGSY4-175S25-06	17,5	4	25	32	149	72	93	O	25	30	4D	
37001168	YGSY4-185S25-06	18,5	4	25	32	153	76	97	O	25	30	4D	
37001169	YGSY4-195S25-06	19,5	4	25	32	159	80	103	O	25	30	4D	
37001170	YGSY4-205S25-06	20,5	4	25	32	163	84	107	O	25	30	4D	
37000863	YGSY5-170S25-06	17	5	25	32	161	85	105	O	25	30	5D	
37000864	YGSY5-180S25-06	18	5	25	32	167	90	111	O	25	30	5D	
37000865	YGSY5-190S25-06	19	5	25	32	172	95	116	O	25	30	5D	
37000866	YGSY5-200S25-06	20	5	25	32	179	100	123	O	25	30	5D	
37001182	YGSY5-175S25-06	17,5	5	25	32	167	90	111	O	25	30	5D	
37001183	YGSY5-185S25-06	18,5	5	25	32	172	95	116	O	25	30	5D	
37001184	YGSY5-195S25-06	19,5	5	25	32	179	100	123	O	25	30	5D	
37001185	YGSY5-205S25-06	20,5	5	25	32	184	105	128	O	25	30	5D	

Drilling - Inserts

X-Drill Inserts (SYMX)



PVP SYMX: 18.88€ / unidad

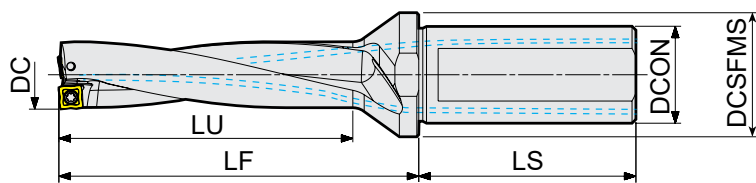
Series	IC	S
SYMX 07T2	7.01	2.80

SYMX07 INSERT

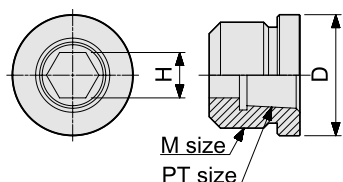
EDP	Material Description	RE (mm)	Grade
32000099	SYMX07T206-YG713/SYM07T206	0,6	YG713
32000100	SYMX07T206-YG613/SYM07T206	0,6	YG613

Drilling - Drill Holder

X-Drill Holder (SYM07) (DC 21~23)



PLUG (DCON25)



Designation	EDP No.	DCON	ØD	M size	PT size	H
PLUG M14-1/8	38000002	25	16	M14x1.0	PT 1/8	6

* Plug for turning lathe should be ordered separately.

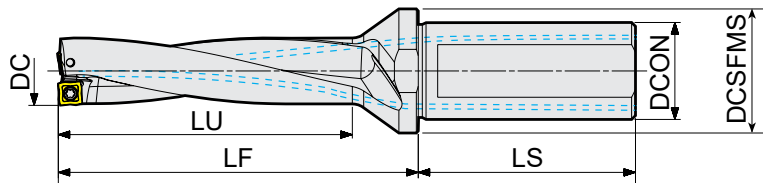
* Clamping Torque (Nm) 0.7Nm

SYM07 Description EDP	Screw	Wrench
	TP072205-GS	TPWFTP07
	18000253	18000001

Plug	DCON Description EDP	Ø 20	Ø 25	Ø 32
		PLUG M12-1/8	PLUG M14-1/8	PLUG M22-1/4
		38000001	38000002	38000003

Drilling - Drill Holder

X-Drill Holder (SYMXX07) (DC 21~23)

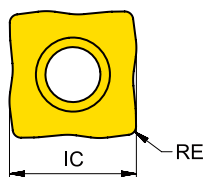


SYMXX07 HOLDER

EDP	Material Description	DC	L/D	DCON	DF	OAL	LU	LF		DCON3	Insert Q'ty	L/D4	Promotion
37001022	YGSY2-210S25-07	21	2	25	32	121	42	65	O	25	30	2D	COMPR 30 PLACAS Y UN PORTA Y CONSIGUE UN PORTA EXTRA GRATIS
37001023	YGSY2-220S25-07	22	2	25	32	123	44	67	O	25	30	2D	
37001024	YGSY2-230S25-07	23	2	25	32	124	46	68	O	25	30	2D	
37001141	YGSY2-215S25-07	21,5	2	25	32	123	44	67	O	25	30	2D	
37001142	YGSY2-225S25-07	22,5	2	25	32	124	46	68	O	25	30	2D	
37001143	YGSY2-235S25-07	23,5	2	25	32	127	48	71	O	25	30	2D	
37001034	YGSY3-210S25-07	21	3	25	32	142	63	86	O	25	30	3D	
37001035	YGSY3-220S25-07	22	3	25	32	145	66	89	O	25	30	3D	
37001036	YGSY3-230S25-07	23	3	25	32	147	69	91	O	25	30	3D	
37001156	YGSY3-215S25-07	21,5	3	25	32	145	66	89	O	25	30	3D	
37001157	YGSY3-225S25-07	22,5	3	25	32	147	69	91	O	25	30	3D	
37001158	YGSY3-235S25-07	23,5	3	25	32	150	72	94	O	25	30	3D	
37001046	YGSY4-210S25-07	21	4	25	32	163	84	107	O	25	30	4D	
37001047	YGSY4-220S25-07	22	4	25	32	167	88	111	O	25	30	4D	
37001048	YGSY4-230S25-07	23	4	25	32	170	92	114	O	25	30	4D	
37001171	YGSY4-215S25-07	21,5	4	25	32	167	88	111	O	25	30	4D	
37001172	YGSY4-225S25-07	22,5	4	25	32	170	92	114	O	25	30	4D	
37001173	YGSY4-235S25-07	23,5	4	25	32	174	96	118	O	25	30	4D	
37001058	YGSY5-210S25-07	21	5	25	32	184	105	128	O	25	30	5D	
37001059	YGSY5-220S25-07	22	5	25	32	189	110	133	O	25	30	5D	
37001060	YGSY5-230S25-07	23	5	25	32	193	115	137	O	25	30	5D	
37001186	YGSY5-215S25-07	21,5	5	25	32	189	110	133	O	25	30	5D	
37001187	YGSY5-225S25-07	22,5	5	25	32	193	115	137	O	25	30	5D	
37001188	YGSY5-235S25-07	23,5	5	25	32	198	120	142	O	25	30	5D	

Drilling - Inserts

X-Drill Inserts (SYMX)



PVP SYMX: 19.47€ / unidad

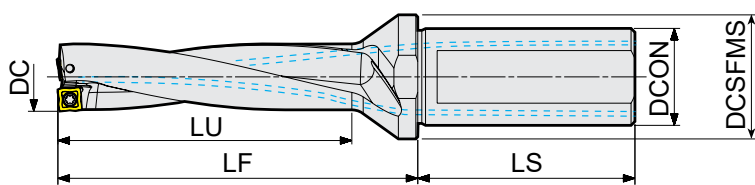
Series	IC	S
SYMX 0803	8.30	3.20

SYMX08 INSERT

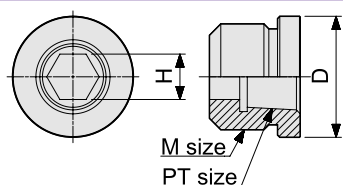
EDP	Material Description	RE (mm)	Grade
32000101	SYMX080306-YG713/SYM080306	0,6	YG713
32000102	SYMX080306-YG613/SYM080306	0,6	YG613

Drilling - Drill Holder

X-Drill Holder (SYM08) (DC 24~28)



PLUG (DCON32)



Designation	EDP No.	DCON	ØD	M size	PT size	H
PLUG M22-1/4	38000003	32	24	M22x1.25	PT 1/4	10

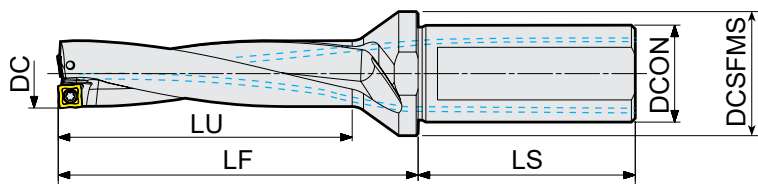
* Plug for turning lathe should be ordered separately.

* Clamping Torque (Nm) 1.2Nm

SYM08	Screw	Wrench
Description	TP072506-GS	TPWFTP07
EDP	18000261	18000001

Plug	DCON	Ø 20	Ø 25	Ø 32
Description		PLUG M12-1/8	PLUG M14-1/8	PLUG M22-1/4
EDP		38000001	38000002	38000003

X-Drill Holder (SYM08) (DC 24~28)



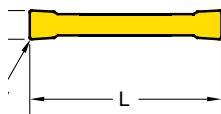
SYM08 HOLDER

EDP	Material Description	DC	L/D	DCON	DF	OAL	LU	LF		DCON3	Insert Q'ty	L/D4	Promotion
37001025	YGSY2-240S32-08	24	2	32	40	130	48	70	O	32	30	2D	COMPRA 30 PLACAS Y UN PORTA Y CONSIGUE UN PORTA EXTRA GRATIS
37001026	YGSY2-250S32-08	25	2	32	40	132	50	72	O	32	30	2D	
37001027	YGSY2-260S32-08	26	2	32	40	133	52	73	O	32	30	2D	
37001028	YGSY2-270S32-08	27	2	32	40	137	54	77	O	32	30	2D	
37001029	YGSY2-280S32-08	28	2	32	40	139	56	79	O	32	30	2D	
37001144	YGSY2-245S32-08	24,5	2	32	40	132	50	72	O	32	30	2D	
37001145	YGSY2-255S32-08	25,5	2	32	40	133	52	73	O	32	30	2D	
37001146	YGSY2-265S32-08	26,5	2	32	40	137	54	77	O	32	30	2D	
37001147	YGSY2-275S32-08	27,5	2	32	40	139	56	79	O	32	30	2D	
37001148	YGSY2-285S32-08	28,5	2	32	40	141	58	81	O	32	30	2D	
37001037	YGSY3-240S32-08	24	3	32	40	154	72	94	O	32	30	3D	
37001038	YGSY3-250S32-08	25	3	32	40	157	75	97	O	32	30	3D	
37001039	YGSY3-260S32-08	26	3	32	40	159	78	99	O	32	30	3D	
37001040	YGSY3-270S32-08	27	3	32	40	164	81	104	O	32	30	3D	
37001041	YGSY3-280S32-08	28	3	32	40	167	84	107	O	32	30	3D	
37001159	YGSY3-245S32-08	24,5	3	32	40	157	75	97	O	32	30	3D	
37001160	YGSY3-255S32-08	25,5	3	32	40	159	78	99	O	32	30	3D	
37001161	YGSY3-265S32-08	26,5	3	32	40	164	81	104	O	32	30	3D	
37001162	YGSY3-275S32-08	27,5	3	32	40	167	84	107	O	32	30	3D	
37001163	YGSY3-285S32-08	28,5	3	32	40	170	87	110	O	32	30	3D	
37001049	YGSY4-240S32-08	24	4	32	40	178	96	118	O	32	30	4D	
37001050	YGSY4-250S32-08	25	4	32	40	182	100	122	O	32	30	4D	
37001051	YGSY4-260S32-08	26	4	32	40	185	104	125	O	32	30	4D	
37001052	YGSY4-270S32-08	27	4	32	40	191	108	131	O	32	30	4D	
37001053	YGSY4-280S32-08	28	4	32	40	195	112	135	O	32	30	4D	
37001174	YGSY4-245S32-08	24,5	4	32	40	182	100	122	O	32	30	4D	
37001175	YGSY4-255S32-08	25,5	4	32	40	185	104	125	O	32	30	4D	
37001176	YGSY4-265S32-08	26,5	4	32	40	191	108	131	O	32	30	4D	
37001177	YGSY4-275S32-08	27,5	4	32	40	195	112	135	O	32	30	4D	
37001178	YGSY4-285S32-08	28,5	4	32	40	199	116	139	O	32	30	4D	
37001061	YGSY5-240S32-08	24	5	32	40	202	120	142	O	32	30	5D	
37001062	YGSY5-250S32-08	25	5	32	40	207	125	147	O	32	30	5D	
37001063	YGSY5-260S32-08	26	5	32	40	211	130	151	O	32	30	5D	
37001064	YGSY5-270S32-08	27	5	32	40	218	135	158	O	32	30	5D	
37001065	YGSY5-280S32-08	28	5	32	40	223	140	163	O	32	30	5D	
37001189	YGSY5-245S32-08	24,5	5	32	40	207	125	147	O	32	30	5D	
37001190	YGSY5-255S32-08	25,5	5	32	40	211	130	151	O	32	30	5D	
37001191	YGSY5-265S32-08	26,5	5	32	40	218	135	158	O	32	30	5D	
37001192	YGSY5-275S32-08	27,5	5	32	40	223	140	163	O	32	30	5D	
37001193	YGSY5-285S32-08	28,5	5	32	40	228	145	168	O	32	30	5D	

Parting & Grooving

Parting & Grooving Inserts

Series	INSL	CW
TD* 5	25	5



PVP TD*5: 16, 12€/unidad

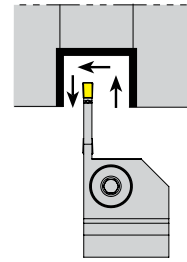
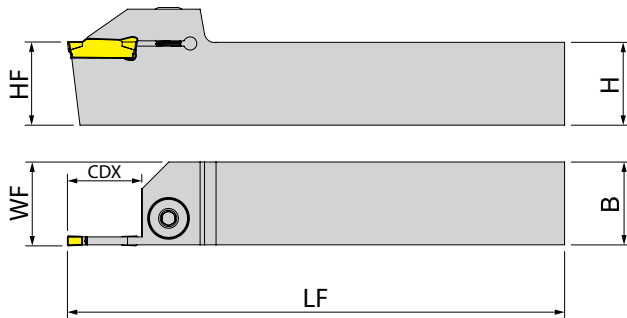


* CDX : Cutting Depth Maximum

5MM-PARTING & GROOVING INSERT

EDP	Material Description	Geometry	Grade	Turning: Fn (mm/rev)	Turning: Ap (mm)	Parting & Grooving: Fn(mm/rev)	Parting & Grooving: CDX (mm)
52000166	TDY5E-2.5-RG-YG602G/TDY5E-2.5-RG	Profiling full Radius	YG602G	0.20 ~ 0.50	0.1 ~ 2.0	0.12 ~ 0.23	-
52000167	TDY5E-2.5-RG-YG603/TDY5E-2.5-RG	Profiling full Radius	YG603	0.20 ~ 0.50	0.1 ~ 2.0	0.12 ~ 0.23	-
52000042	TDN5003-YG602/TDN5003	TDN Parting Off Medium Feed	YG602	-	-	0.09 ~ 0.30	24
52000136	TDN5003-YG602G/TDN5003	TDN Parting Off Medium Feed	YG602G	-	-	0.09 ~ 0.30	24
52000130	TDN5003-YG603/TDN5003	TDN Parting Off Medium Feed	YG603	-	-	0.09 ~ 0.30	24
52000142	TDP5003-YG602/TDP5003	TDP Parting Off Low Feed	YG602	-	-	0.06 ~ 0.20	24
52000143	TDP5003-YG602G/TDP5003	TDP Parting Off Low Feed	YG602G	-	-	0.06 ~ 0.20	24
52000144	TDP5003-YG603/TDP5003	TDP Parting Off Low Feed	YG603	-	-	0.06 ~ 0.20	24
52000157	TDY5E-0.4-GL-YG602G/TDY5E-0.4-GL	TDY Turn Groove Low Feed	YG602G	0.10 ~ 0.30	0.5 ~ 3.0	0.08 ~ 0.30	-
52000158	TDY5E-0.4-GL-YG603/TDY5E-0.4-GL	TDY Turn Groove Low Feed	YG603	0.10 ~ 0.30	0.5 ~ 3.0	0.08 ~ 0.30	-
52000134	TDY5E-0.4-GM-YG602G/TDY5E-0.4-GM	TDY Turn Groove Medium Feed	YG602G	0.18 ~ 0.35	0.5 ~ 3.0	0.08 ~ 0.27	-
52000135	TDY5E-0.4-GM-YG603/TDY5E-0.4-GM	TDY Turn Groove Medium Feed	YG603	0.18 ~ 0.35	0.5 ~ 3.0	0.08 ~ 0.27	-
52000148	TDY5E-0.8-GM-YG602G/TDY5E-0.8-GM	TDY Turn Groove Medium Feed	YG602G	0.18 ~ 0.37	0.8 ~ 3.0	0.10 ~ 0.27	-
52000149	TDY5E-0.8-GM-YG603/TDY5E-0.8-GM	TDY Turn Groove Medium Feed	YG603	0.18 ~ 0.37	0.8 ~ 3.0	0.10 ~ 0.27	-

External holders

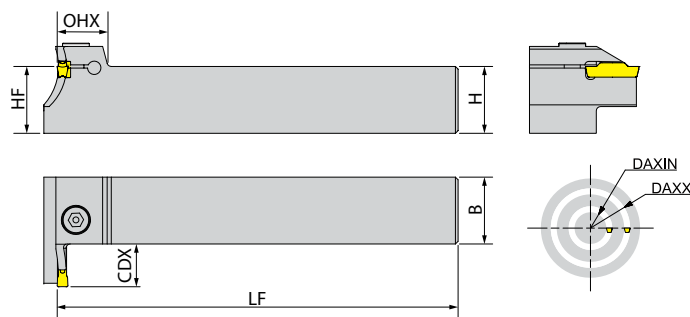


5MM-PARTING & GROOVING HOLDER

EDP	Material Description	CW	DAXIN	DAXX	CDX	H (=HF)	B	LF	WF	Promotion
57000739	YTEL2020K-5T13	5	-	-	13	20	20	125	18,02	COMPRA 20 PLACAS Y CONSIGUE UN PORTA GRATIS
57000740	YTEL2020K-5T20	5	-	-	20	20	20	125	18,02	
57000741	YTEL2525M-5T13	5	-	-	13	25	25	150	23,02	
57000742	YTEL2525M-5T20	5	-	-	20	25	25	150	23,02	
57000743	YTEL2525M-5T25	5	-	-	25	25	25	150	23,02	
57000744	YTEL2525M-5T32	5	-	-	32	25	25	150	23,02	
57000745	YTEL3232P-5T20	5	-	-	20	32	32	170	30,02	
57000746	YTEL3232P-5T32	5	-	-	32	32	32	170	30,02	
57000695	YTER2020K-5T13	5	-	-	13	20	20	125	18,02	
57000696	YTER2020K-5T20	5	-	-	20	20	20	125	18,02	
57000697	YTER2525M-5T13	5	-	-	13	25	25	150	23,02	
57000698	YTER2525M-5T20	5	-	-	20	25	25	150	23,02	
57000699	YTER2525M-5T25	5	-	-	25	25	25	150	23,02	
57000700	YTER2525M-5T32	5	-	-	32	25	25	150	23,02	
57000701	YTER3232P-5T20	5	-	-	20	32	32	170	30,02	
57000702	YTER3232P-5T32	5	-	-	32	32	32	170	30,02	

Series	Designation	Information	Screw	Ring	Wrench
YTER/L	..-2..	Description	YAKV-02-M6x22	YABPL-01	YAAL-03-3
		EDP	18000195	18000058	18000061
	...-3.. / ..-4.. / ..-5..	Description	Y2004-M8x1x20	-	YAAL-05-4
		EDP	18000196	-	18000062

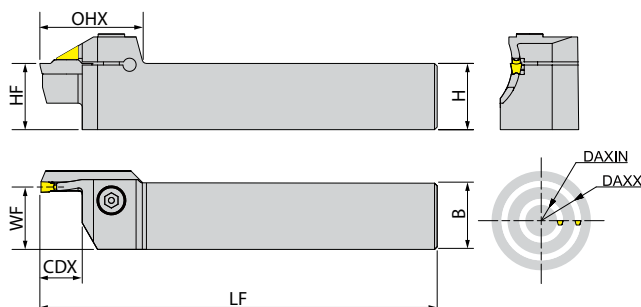
External holders - Perpendicular Face grooving



5MM-PARTING & GROOVING HOLDER

EDP	Material Description	CW	DAXIN	DAXX	CDX	H (=HF)	B	LF	WF	Promotion
57000769	YTFPL25M-D050080-5T20A	5	50	80	20	25	25	150	-	COMPRA 20 PLACAS Y CONSIGUE UN PORTA GRATIS
57000770	YTFPL25M-D070110-5T20A	5	70	110	20	25	25	150	-	
57000771	YTFPL25M-D100150-5T20A	5	100	150	20	25	25	150	-	
57000772	YTFPL25M-D140200-5T20A	5	140	200	20	25	25	150	-	
57000773	YTFPL25M-D200-5T20A	5	200	-	20	25	25	150	-	
57000725	YTFPR25M-D050080-5T20A	5	50	80	20	25	25	150	-	
57000726	YTFPR25M-D070110-5T20A	5	70	110	20	25	25	150	-	
57000727	YTFPR25M-D100150-5T20A	5	100	150	20	25	25	150	-	
57000728	YTFPR25M-D140200-5T20A	5	140	200	20	25	25	150	-	
57000729	YTFPR25M-D200-5T20A	5	200	-	20	25	25	150	-	
57000717	YTFR25M-D050080-5T20A	5	50	80	20	25	25	150	23,02	

Series	Designation	Information	Screw	Ring	Wrench
YTFPR	16-2T..	Description	SHB-M6x1.0x25L	-	HL-05
		EDP	58000039	-	58000041
	20~25-3T..	Description	SHB-M6x1.0x25L	-	HL-05
		EDP	58000039	-	58000041
	32-3T..	Description	SHB-M6x1.0x25L	-	HL-05
		EDP	58000039	-	58000041

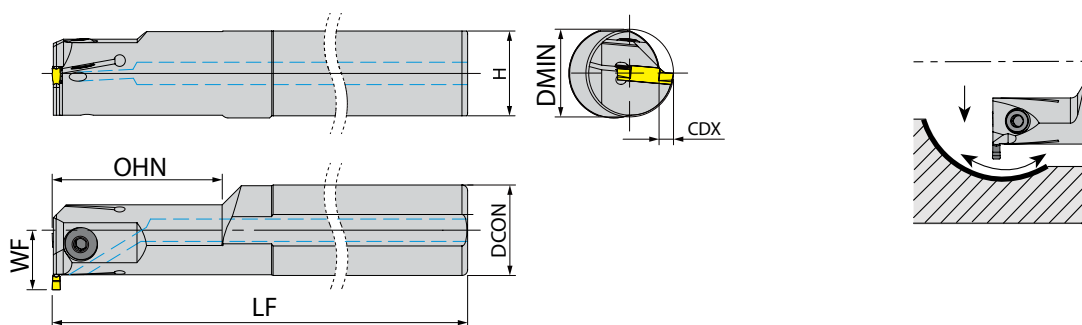


5MM-PARTING & GROOVING HOLDER

EDP	Material Description	CW	DAXIN	DAXX	CDX	H (=HF)	B	LF	WF	Promotion
57000761	YTFL25M-D050080-5T20A	5	50	80	20	25	25	150	23,02	COMPRA 20 PLACAS Y CONSIGUE UN PORTA GRATIS
57000762	YTFL25M-D070110-5T20A	5	70	110	20	25	25	150	23,02	
57000763	YTFL25M-D100150-5T20A	5	100	150	20	25	25	150	23,02	
57000764	YTFL25M-D140200-5T20A	5	140	200	20	25	25	150	23,02	
57000765	YTFL25M-D200-5T20A	5	200	-	20	25	25	150	23,02	
57000717	YTFR25M-D050080-5T20A	5	50	80	20	25	25	150	23,02	
57000718	YTFR25M-D070110-5T20A	5	70	110	20	25	25	150	23,02	
57000719	YTFR25M-D100150-5T20A	5	100	150	20	25	25	150	23,02	
57000720	YTFR25M-D140200-5T20A	5	140	200	20	25	25	150	23,02	
57000721	YTFR25M-D200-5T20A	5	200	-	20	25	25	150	23,02	

Series	Designation	Information	Screw	Ring	Wrench
YTFR	...S	Description	SHB-M6x1.0x25L	-	HL-05
		EDP	58000039	-	58000041

Internal holders with Coolant supply

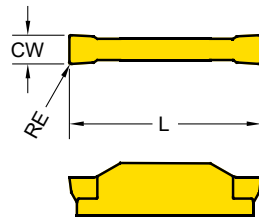


5MM-PARTING & GROOVING HOLDER

EDP	Material Description	CW	DAXIN	DAXX	CDX	H (=HF)	B	LF	WF	Promotion
57000776	YTIL25R-D31-5T07-C	5	-	-	7	-	-	200	19,5	COMPRA 20 PLACAS Y CONSIGUE UN PORTA GRATIS
57000777	YTIL32S-D40-5T10-C	5	-	-	10	-	-	250	26	
57000732	YTIR25R-D31-5T07-C	5	-	-	7	-	-	200	19,5	
57000733	YTIR32S-D40-5T10-C	5	-	-	10	-	-	250	26	

Series	Designation	Infomation	Screw	Ring	Wrench
YTIR/L	16-2T..	Description	Y2503-M4X10	-	YAAL-03-3
		EDP	18000197	-	18000061
	20-3T..	Description	Y2504-M5X12	-	YAAL-05-4
		EDP	18000198	-	18000062
	25-3T..	Description	Y2504-M5X16	-	YAAL-05-4
		EDP	58000028	-	18000062
	32-3T..	Description	Y2004-M8X1X20	-	YAAL-05-4
		EDP	18000196	-	18000062

Parting & Grooving Inserts



PVP TD*6: 17,64 €/unidad

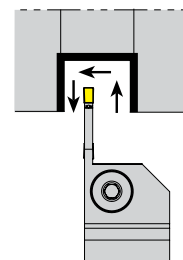
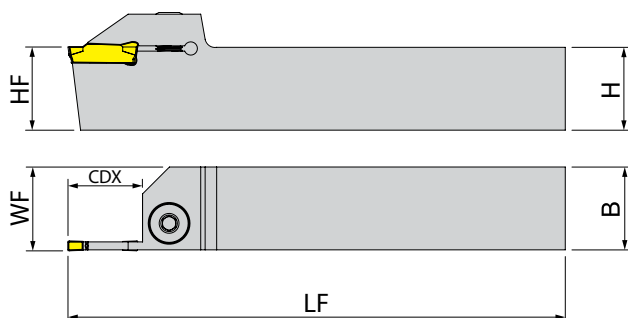
Series	INSL	CW
TD*6	25	6

* CDX : Cutting Depth Maximum

6MM-PARTING & GROOVING INSERT

EDP	Material Description	Geometry	Grade	Turning: Fn (mm/rev)	Turning: Ap (mm)	Parting & Grooving: Fn(mm/rev)	Parting & Grooving: CDX (mm)
52000168	TDY6E-3.0-RG-YG602G/TDY6E-3.0-RG	TDY Turn Groove Medium Feed	YG602G	0.25 ~ 0.60	0.1 ~ 2.4	0.15 ~ 0.28	-
52000169	TDY6E-3.0-RG-YG603/TDY6E-3.0-RG	TDY Turn Groove Medium Feed	YG603	0.25 ~ 0.60	0.1 ~ 2.4	0.15 ~ 0.28	-
52000132	TDN6003-YG602/TDN6003	TDN Parting Off Medium Feed	YG602	-	-	0.10 ~ 0.35	24
52000137	TDN6003-YG602G/TDN6003	TDN Parting Off Medium Feed	YG602G	-	-	0.10 ~ 0.35	24
52000133	TDN6003-YG603/TDN6003	TDN Parting Off Medium Feed	YG603	-	-	0.10 ~ 0.35	24
52000145	TDP6003-YG602/TDP6003	TDP Parting Off Low Feed	YG602	-	-	0.06 ~ 0.22	24
52000146	TDP6003-YG602G/TDP6003	TDP Parting Off Low Feed	YG602G	-	-	0.06 ~ 0.22	24
52000147	TDP6003-YG603/TDP6003	TDP Parting Off Low Feed	YG603	-	-	0.06 ~ 0.22	24
52000159	TDY6E-0.4-GL-YG602G/TDY6E-0.4-GL	TDY Turn Groove Medium Feed	YG602G	0.15 ~ 0.35	0.5 ~ 3.5	0.12 ~ 0.35	-
52000160	TDY6E-0.4-GL-YG603/TDY6E-0.4-GL	TDY Turn Groove Medium Feed	YG603	0.15 ~ 0.35	0.5 ~ 3.5	0.12 ~ 0.35	-
52000150	TDY6E-0.4-GM-YG602G/TDY6E-0.4-GM	TDY Turn Groove Medium Feed	YG602G	0.18 ~ 0.40	0.8 ~ 3.6	0.12 ~ 0.30	-
52000153	TDY6E-0.4-GM-YG603/TDY6E-0.4-GM	TDY Turn Groove Medium Feed	YG603	0.18 ~ 0.40	0.8 ~ 3.6	0.12 ~ 0.30	-
52000129	TDY6E-0.8-GM-YG602G/TDY6E-0.8-GM	TDY Turn Groove Medium Feed	YG602G	0.18 ~ 0.42	1.0 ~ 3.6	0.12 ~ 0.35	-
52000154	TDY6E-0.8-GM-YG603/TDY6E-0.8-GM	TDY Turn Groove Medium Feed	YG603	0.18 ~ 0.42	1.0 ~ 3.6	0.12 ~ 0.35	-

External holders

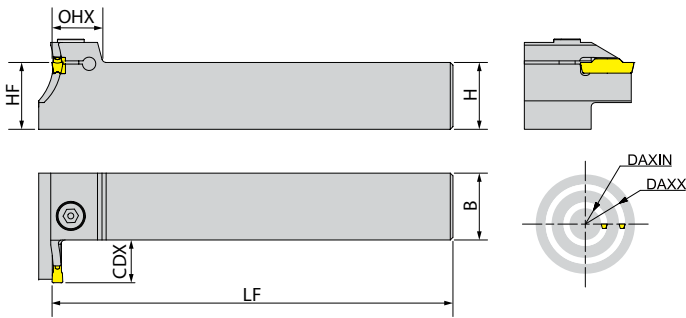


6MM-PARTING & GROOVING HOLDER

EDP	Material Description	CW	DAXIN	DAXX	CDX	H (=HF)	B	LF	WF	Promotion
57000747	YTEL2020K-6T13	6	-	-	13	20	20	125	17,52	COMPRA 20 PLACAS Y CONSIGUE UN PORTA GRATIS
57000748	YTEL2020K-6T20	6	-	-	20	20	20	125	17,52	
57000749	YTEL2525M-6T13	6	-	-	13	25	25	150	22,52	
57000750	YTEL2525M-6T20	6	-	-	20	25	25	150	22,52	
57000751	YTEL2525M-6T25	6	-	-	25	25	25	150	22,52	
57000752	YTEL2525M-6T32	6	-	-	32	25	25	150	22,52	
57000753	YTEL3232P-6T20	6	-	-	20	32	32	170	29,52	
57000754	YTEL3232P-6T25	6	-	-	25	32	32	170	29,52	
57000755	YTEL3232P-6T32	6	-	-	32	32	32	170	29,52	
57000703	YTER2020K-6T13	6	-	-	13	20	20	125	17,52	
57000704	YTER2020K-6T20	6	-	-	20	20	20	125	17,52	
57000705	YTER2525M-6T13	6	-	-	13	25	25	150	22,52	
57000706	YTER2525M-6T20	6	-	-	20	25	25	150	22,52	
57000707	YTER2525M-6T25	6	-	-	25	25	25	150	22,52	
57000708	YTER2525M-6T32	6	-	-	32	25	25	150	22,52	
57000709	YTER3232P-6T20	6	-	-	20	32	32	170	29,52	
57000710	YTER3232P-6T25	6	-	-	25	32	32	170	29,52	
57000711	YTER3232P-6T32	6	-	-	32	32	32	170	29,52	

Series	Designation	Information	Screw	Ring	Wrench
YTER/L	...2...	Description	YAKV-02-M6x22	YABPL-01	YAAL-03-3
		EDP	18000195	18000058	18000061
	...3... / ...4... / ...5...	Description	Y2004-M8x1x20	-	YAAL-05-4
		EDP	18000196	-	18000062

External holders - Perpendicular Face grooving



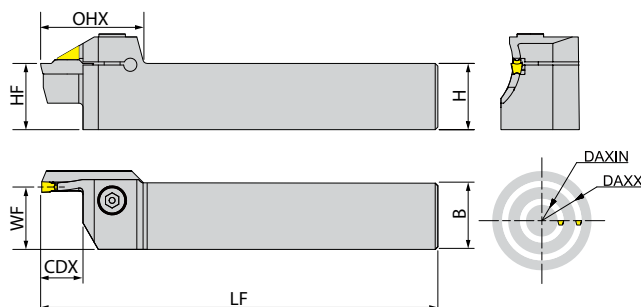
6MM-PARTING & GROOVING HOLDER

EDP	Material Description	CW	DAXIN	DAXX	CDX	H (=HF)	B	LF	WF	Promotion
57000774	YTFPL25M-D073150-6T20A	6	73	150	20	25	25	150	-	COMPRA 20 PLACAS Y CONSIGUE UN PORTA GRATIS
57000775	YTFPL25M-D138250-6T20A	6	138	250	20	25	25	150	-	
57000730	YTFPR25M-D073150-6T20A	6	73	150	20	25	25	150	-	
57000731	YTFPR25M-D138250-6T20A	6	138	250	20	25	25	150	-	

Series	Designation	Infomation	Screw	Ring	Wrench
YTFPR	16-2T..	Description	SHB-M6x1.0x25L	-	HL-05
		EDP	58000039	-	58000041
	20~25-3T..	Description	SHB-M6x1.0x25L	-	HL-05
		EDP	58000039	-	58000041
	32-3T..	Description	SHB-M6x1.0x25L	-	HL-05
		EDP	58000039	-	58000041

External holders- Face grooving

NEW



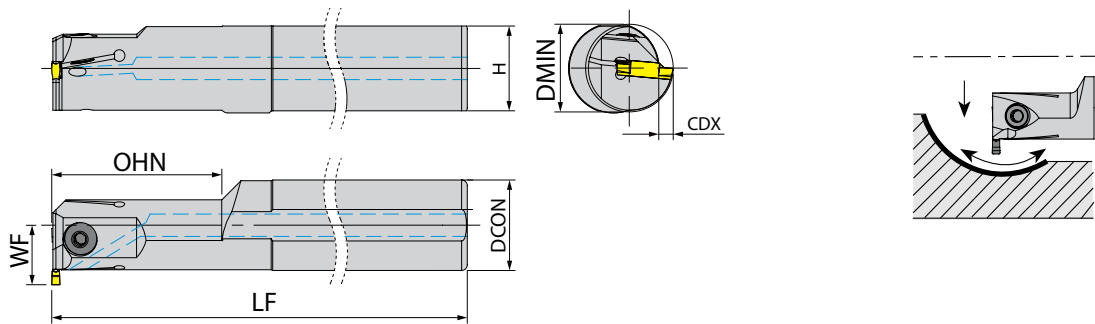
6MM-PARTING & GROOVING HOLDER

EDP	Material Description	CW	DAXIN	DAXX	CDX	H (=HF)	B	LF	WF	Promotion
57000766	YTFL25M-D058100-6T20A	6	58	100	20	25	25	150	22,52	COMPRA 20 PLACAS Y CONSIGUE UN PORTA GRATIS
57000767	YTFL25M-D088180-6T20A	6	88	180	20	25	25	150	22,52	
57000768	YTFL25M-D168400-6T20A	6	168	400	20	25	25	150	22,52	
57000722	YTFR25M-D058100-6T20A	6	58	100	20	25	25	150	22,52	
57000723	YTFR25M-D088180-6T20A	6	88	180	20	25	25	150	22,52	
57000724	YTFR25M-D168400-6T20A	6	168	400	20	25	25	150	22,52	

Series	Designation	Information	Screw	Ring	Wrench
YTFR	..-S	Description	SHB-M6x1.0x25L	-	HL-05
		EDP	58000039	-	58000041

Parting & Grooving - Holder - Internal

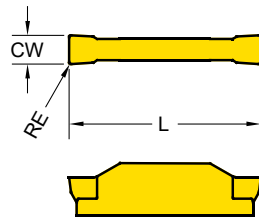
Internal holders with Coolant supply



6MM-PARTING & GROOVING HOLDER

EDP	Material Description	CW	DAXIN	DAXX	CDX	H (=HF)	B	LF	WF	Promotion
57000778	YTIL32S-D31-6T07-C	6	-	-	7	-	-	250	23	COMPRA 20 PLACAS Y CONSIGUE UN PORTA GRATIS
57000779	YTIL32S-D40-6T10-C	6	-	-	10	-	-	250	26	
57000734	YTIR32S-D31-6T07-C	6	-	-	7	-	-	250	23	
57000735	YTIR32S-D40-6T10-C	6	-	-	10	-	-	250	26	

Series	Designation	Infomation	Screw	Ring	Wrench
YTIR/L	16-2T..	Description	Y2503-M4X10	-	YAAL-03-3
		EDP	18000197	-	18000061
	20-3T..	Description	Y2504-M5X12	-	YAAL-05-4
		EDP	18000198	-	18000062
	25-3T..	Description	Y2504-M5X16	-	YAAL-05-4
		EDP	58000028	-	18000062
	32-3T..	Description	Y2004-M8X1X20	-	YAAL-05-4
		EDP	18000196	-	18000062



PVP TD*8: 22,90 €/unidad

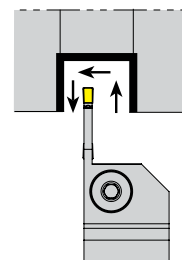
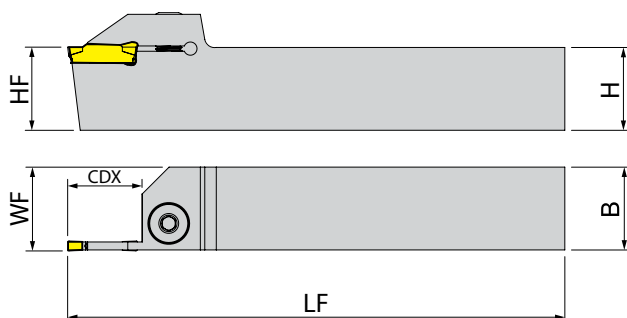
Series	INSL	CW
TD*8	30	8

* CDX : Cutting Depth Maximum

8MM-PARTING & GROOVING INSERT

EDP	Material Description	Geometry	Grade	Turning: Fn (mm/rev)	Turning: Ap (mm)	Parting & Grooving: Fn(mm/rev)	Parting & Grooving: CDX (mm)
52000170	TDY8E-4.0-RG-YG602G/TDY8E-4.0-RG	TDY Turn Groove Medium Feed	YG602G	0.25~0.70	0.1~3.2	0.18~0.30	-
52000171	TDY8E-4.0-RG-YG603/TDY8E-4.0-RG	TDY Turn Groove Medium Feed	YG603	0.25~0.70	0.1~3.2	0.18~0.30	-
52000138	TDN8004-YG602/TDN8004	TDN Parting Off Medium Feed	YG602	-	-	0.12~0.40	29
52000139	TDN8004-YG602G/TDN8004	TDN Parting Off Medium Feed	YG602G	-	-	0.12~0.40	29
52000140	TDN8004-YG603/TDN8004	TDN Parting Off Medium Feed	YG603	-	-	0.12~0.40	29
52000164	TDY8E-0.8-GL-YG602G/TDY8E-0.8-GL	TDY Turn Groove Medium Feed	YG602G	0.20~0.50	1.0~4.5	0.15~0.50	-
52000165	TDY8E-0.8-GL-YG603/TDY8E-0.8-GL	TDY Turn Groove Medium Feed	YG603	0.20~0.50	1.0~4.5	0.15~0.50	-
52000155	TDY8E-0.8-GM-YG602G/TDY8E-0.8-GM	TDY Turn Groove Medium Feed	YG602G	0.20~0.50	1.0~4.5	0.10~0.25	-
52000156	TDY8E-0.8-GM-YG603/TDY8E-0.8-GM	TDY Turn Groove Medium Feed	YG603	0.20~0.50	1.0~4.5	0.10~0.25	-

External holders



8MM-PARTING & GROOVING HOLDER

EDP	Material Description	CW	DAXIN	DAXX	CDX	H (=HF)	B	LF	WF	Promotion
57000712	YTER2525M-8T16	8	-	-	16	25	25	150	22,02	COMPRA 20 PLACAS Y CONSIGUE UN PORTA GRATIS
57000756	YTEL2525M-8T16	8	-	-	16	25	25	150	22,02	
57000713	YTER2525M-8T25	8	-	-	25	25	25	150	22,02	
57000757	YTEL2525M-8T25	8	-	-	25	25	25	150	22,02	
57000736	YTIR32S-D40-8T10-C	8	-	-	10	-	-	250	26	
57000780	YTIL32S-D40-8T10-C	8	-	-	10	-	-	250	26	
57000714	YTER3232P-8T16	8	-	-	16	32	32	170	29,02	
57000758	YTEL3232P-8T16	8	-	-	16	32	32	170	29,02	
57000715	YTER3232P-8T25	8	-	-	25	32	32	170	29,02	
57000759	YTEL3232P-8T25	8	-	-	25	32	32	170	29,02	
57000716	YTER3232P-8T32	8	-	-	32	32	32	170	29,02	
57000760	YTEL3232P-8T32	8	-	-	32	32	32	170	29,02	
57000737	YTIR40T-D45-8T10-C	8	-	-	10	-	-	300	30	
57000781	YTIL40T-D45-8T10-C	8	-	-	10	-	-	300	30	

Series	Designation	Information	Screw	Ring	Wrench
YTER/L	...2...	Description	YAKV-02-M6x22	YABPL-01	YAAL-03-3
		EDP	18000195	18000058	18000061
	...3.. / ...4.. / ...5..	Description	Y2004-M8x1x20	-	YAAL-05-4
		EDP	18000196	-	18000062

Technical Information

Recommended cutting conditions

Milling

Cutting Speed																						
ISO	VDI	Sub Group	YG012		YG712		YG713		YG622		YG612		YG602		YG613		YG501(G)		YG5020		YG5010	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		
P	1~5	Non-Alloyed Steel	180	280	170	300	200	300	140	400	180	280	180	270	100	210	-	-	-	-	-	-
	6~9	Low-Alloyed Steel	150	250	180	250	170	270	120	320	150	250	150	240	70	180	-	-	-	-	-	-
	10~11	High-Alloyed Steel	80	150	100	140	85	145	70	170	70	140	70	130	40	90	-	-	-	-	-	-
M	12~13	Ferritic & Martensitic			-	-	-	-	-	-	120	200	120	180	70	180	-	-	-	-	-	-
	14	Austenitic Stainless Steel			-	-	-	-	-	-	130	250	30	230	70	200	-	-	-	-	-	-
K	15~16	Grey Cast Iron			-	-	-	-	120	270			120	250	-	-	160	300	200	350	-	-
	17~18	Nodular Cast Iron			-	-	-	-	130	240			120	220	-	-	130	210	150	300	-	-
N	21~30	Non-Ferrous Metals (Al)			-	-	-	-	-	-			-	-	-	-	-	-	-	-	300	800
S	31~37	Superalloys & Titanium			-	-	-	-	-	-	25	45	5	45	-	-	-	-	-	-	-	-
H	38~41	Hard Materials	70	120	-	-	-	-	40	100					-	-			-	-	-	-

Drilling

Cutting Speed			Vc (m/min.)					
ISO	VDI	Sub Group	YG602		YG713		YG613	
			Min	Max	Min	Max	Min	Max
P	1~5	Non-Alloyed Steel	180	380	200	300	100	210
	6~9	Low-Alloyed Steel	120	300	170	270	70	180
	10~11	High-Alloyed Steel	70	150	85	145	40	90
M	12~13	Ferritic & Martensitic	120	200	-	-	70	180
	14	Austenitic Stainless Steel	130	250	-	-	70	200
K	15~16	Grey Cast Iron	120	250	-	-	-	-
	17~18	Nodular Cast Iron	130	220	-	-	-	-
H	38~41	Hard Materials	-	-	-	-	-	-

Parting & Grooving

Cutting Speed			Vc (m/min.)			
ISO	VDI	Sub Group	YG602G (YG602)		YG603	
			Min	Max	Min	Max
P	1~5	Non-Alloyed Steel	120	180		
	6~9	Low-Alloyed Steel	100	140		
	10~11	High-Alloyed Steel	80	110		
M	12~13	Ferritic & Martensitic	70	160	50	90
	14	Austenitic Stainless Steel	55	140	40	80
K	15~16	Grey Cast Iron	110	185		
	17~18	Nodular Cast Iron	110	140		
N	21~30	Non-Ferrous Metals (Al)	250	440		
S	31~37	Superalloys & Titanium	25	45		
H	38~41	Hard Materials	25	50		

YG-1 ROTARY TOOLING

HYDRAULIC
CHUCK (Power E)



SHELL MILL
ARBOR



END MILL
HOLDER



SK SLIM
CHUCK



ER COLLET
CHUCK



SHRINK FIT
HOLDER



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INDEXABLE
DRILL-HOLDER



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