



# **DRILLING**

**Drilling Overview**

**Drill Holder**

**X-Drill Inserts (SYM<sub>X</sub>)**

**Square Drill Inserts (SPM<sub>X</sub>)**

**Triagonal Drilling Inserts (WCM<sub>X</sub>)**

# Drilling Overview

## Drilling Grades

Drilling Grades		P Steel					M Stainless steel					K Cast iron				
		P05	P15	P25	P35	P45	M05	M15	M25	M35	M45	K05	K15	K25	K35	K45
PVD	YG713			713					713					713		
	YG602			602					602					602		
	YG613				613					613						

<p><b>YG713</b></p> <p>P15 - P30   M15 - M30</p> <p>K15 - K30   H20 - H30</p>	<p>PVD - TiAlN</p>	<p><b>Drilling Grade for General Steel Application</b></p> <ul style="list-style-type: none"> <li>Multi-layer TiAlN structure realizes stronger crater and flank wear resistance</li> <li>Fine-grained carbide and balanced substrate</li> </ul>
<p><b>YG602</b></p> <p>P20 - P35   M20 - M40</p> <p>K20 - K40   S15 - S25</p>	<p>PVD - TiAlN</p>	<p><b>Universal grade for General Drilling Application</b></p> <ul style="list-style-type: none"> <li>Ultra Dense PVD Coating with optimal thermal resistance &amp; strength</li> <li>Sub-Micron substrate designed for demanding application</li> </ul>
<p><b>YG613</b></p> <p>P30 - P50</p> <p>M30 - M50</p>	<p>PVD - TiAlN</p>	<p><b>Drilling Grade for Stainless Steel Application</b></p> <ul style="list-style-type: none"> <li>New coating layer with lubrication preventing built-up edge on ultra fine grain substrate with high toughness.</li> <li>The toughest substrate provides excellent cutting performance in stainless steel</li> </ul>

## Universal Drilling Inserts

	4 Corner	SYM <sup>NEW</sup> X Series	SYM <sup>NEW</sup> X	05, 06, 07, 08
	4 Corner	SPMX Series	SPMX	05, 06, 07, 09, 11, 14
	ISO 3 Corner	WCMX Series	WCMX	03, 04, 05, 06, 08

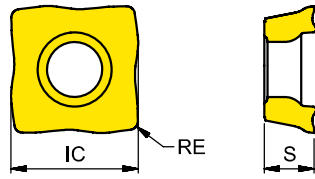
## Drilling Chipbreakers

P	M	K		
	M		-ST	<ul style="list-style-type: none"> <li>Sharp Geometry</li> <li>Sticky Material, Stainless Steel</li> </ul>
P	M	K	<b>General Inserts</b> (No Description)	<ul style="list-style-type: none"> <li>First Choice for General Application</li> </ul>

Drilling - Inserts

**X-Drill Inserts (SYMX)**

Recommended Cutting Conditions : p.223



Series	IC	S
SYMX 0502	4.97	2.35
SYMX 0602	5.99	2.35
SYMX 07T2	7.01	2.80
SYMX 0803	8.30	3.20

EDP 3200..

	P25 M25 K30	P20 M20 K20	P40 M40
YG602		YG713	YG613
		● 0097	● 0098
		● 0093	● 0095
		● 0099	● 0100
		● 0101	● 0102

SYMX	Designation	RE (mm)	Fn (mm/rev.)
	SYMX 050204	0.4	0.06~0.12
	SYMX 060204	0.4	0.06~0.12
	SYMX 07T206	0.6	0.06~0.12
	SYMX 080306	0.6	0.08~0.20

**NEW**  
**SYMX**  
 General



● : Stock item ○ : Order made item

TURNING

PARTING & GROOVING

MILLING

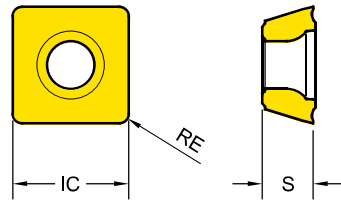
DRILLING

TECHNICAL INFORMATION

Drilling - Inserts

# Square Drill Inserts (SPMX)



Recommended Cutting Conditions : p.223



Series	IC	S
SPMX 0502	5.00	2.38
SPMX 0602	6.00	2.41
SPMX 07T3	7.94	3.97
SPMX 0904	9.80	4.30
SPMX 1104	11.50	4.80
SPMX 1405	14.30	5.20

EDP 3200..

P25	P20	P40
M25	M20	
K30	K20	M40

SPMX	Designation	RE (mm)	Fn (mm/rev.)	EDP 3200..		
				YG602	YG713	YG613
<b>SPMX</b> General 	SPMX 050204	0.4	0.07~0.14	●	●	●
	SPMX 060204	0.4	0.08~0.14	●	●	●
	SPMX 07T308	0.8	0.08~0.16	●	●	●
	SPMX 090408	0.8	0.08~0.16	●	●	●
	SPMX 110408	0.8	0.10~0.18	●	●	●
	SPMX 140512	1.2	0.10~0.20	●	●	
<b>-ST</b> Stainless Steel 	SPMX 050204-ST	0.4	0.03~0.10	●		●
	SPMX 060204-ST	0.4	0.04~0.11	●		●
	SPMX 07T308-ST	0.8	0.04~0.11	●		●
	SPMX 090408-ST	0.8	0.05~0.12	●		●
	SPMX 110408-ST	0.8	0.05~0.12			●
	SPMX 140512-ST	1.2	0.05~0.16			●

● : Stock item ○ : Order made item

TURNING

PARTING & GROOVING

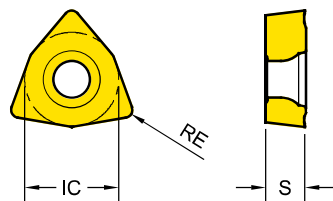
MILLING

DRILLING

TECHNICAL INFORMATION

**Triagonal Drill Inserts (WCMX)**

Recommended Cutting Conditions : p.223



Series	IC	S
WCMX 0302	5.56	2.38
WCMX 0402	6.35	2.38
WCMX 0503	7.94	3.18
WCMX 06T3	9.53	3.97
WCMX 0804	12.70	4.76

EDP 3200..


TURNING

PARTING & GROOVING

MILLING

DRILLING

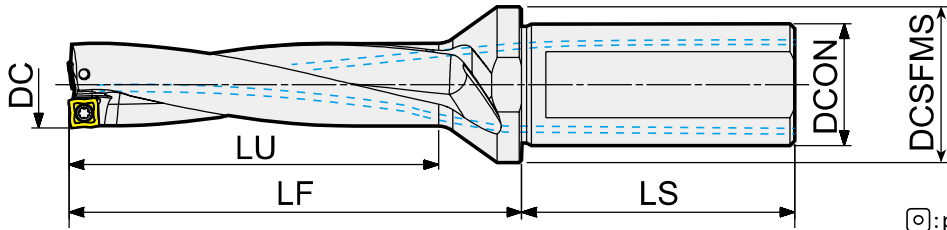
TECHNICAL INFORMATION

WCMX	Designation	RE (mm)	Fn (mm/rev.)	P25	P20	P40
				M25	M20	M40
General				YG602	YG713	YG613
				K30	K20	M40
	WCMX 030208	0.8	0.05~0.12	●	●	
	WCMX 040208	0.8	0.05~0.12	●	●	
	WCMX 050308	0.8	0.06~0.14	●	●	
	WCMX 06T308	0.8	0.08~0.14	●	●	
	WCMX 080412	1.2	0.08~0.14	●	●	●

● : Stock item ○ : Order made item

Drilling - Drill Holder

# X-Drill Holder (SYM05) (DC 14~16)



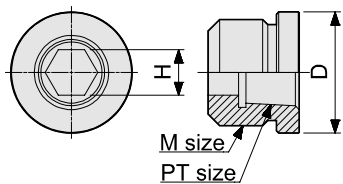
☐: p.200

Unit:mm

Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
14	28		YGSY2 - 140S20 - 05	1019	46	96.0	20	25	50
	42		YGSY3 - 140S20 - 05	1031	60	110.0			
	56		YGSY4 - 140S20 - 05	1043	74	124.0			
	70		YGSY5 - 140S20 - 05	1055	88	141.5			
15	30		YGSY2 - 150S20 - 05	1020	49	99.0			
	45		YGSY3 - 150S20 - 05	1032	64	114.0			
	60		YGSY4 - 150S20 - 05	1044	79	129.0			
	75		YGSY5 - 150S20 - 05	1056	94	146.5			
16	32		YGSY2 - 160S25 - 05	1021	52	102.0			
	48		YGSY3 - 160S20 - 05	1033	68	118.0			
	64		YGSY4 - 160S20 - 05	1045	84	134.0			
	80		YGSY5 - 160S20 - 05	1057	100	151.5			

**NEW**  
**SYM05**  
**050204**

## 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.

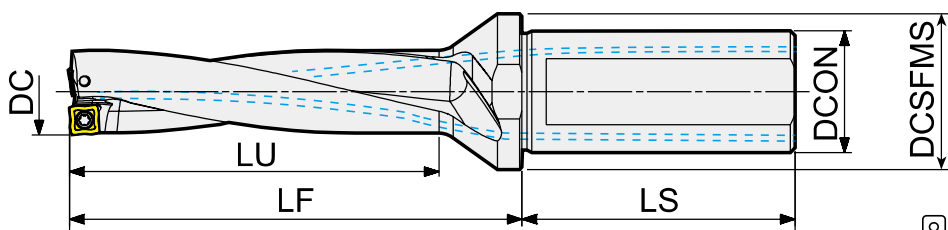
\* Clamping Torque (Nm) 0.6Nm

SYM05	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 - Drill Holder

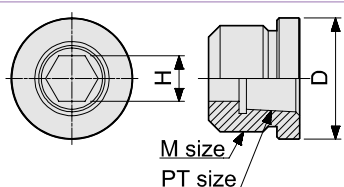
## X-Drill Holder (SYMX06) (DC 17~20)



☐: p. 200 Unit:mm

Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>NEW</b> <b>SYMX 060204</b>	17	34	YGSY2-170S25-06	0851	54	110.0	25	32	56
		51	YGSY3-170S25-06	0855	71	127.0			
		68	YGSY4-170S25-06	0859	88	144.0			
		85	YGSY5-170S25-06	0863	105	161.0			
	18	36	YGSY2-180S25-06	0852	57	113.0			
		54	YGSY3-180S25-06	0856	75	131.0			
		72	YGSY4-180S25-06	0860	93	149.0			
		90	YGSY5-180S25-06	0864	111	167.0			
	19	38	YGSY2-190S25-06	0853	59	115.0			
		57	YGSY3-190S25-06	0857	78	134.0			
		76	YGSY4-190S25-06	0861	97	153.0			
	20	95	YGSY5-190S25-06	0865	116	172.0			
40		YGSY2-200S25-06	0854	63	119.0				
60		YGSY3-200S25-06	0858	83	139.0				
80		YGSY4-200S25-06	0862	103	159.0				
	100	YGSY5-200S25-06	0866	123	179.0				

### 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

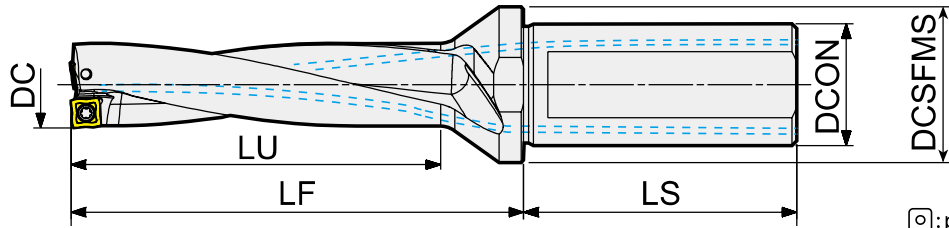
SYMX06	Screw	Wrench
Description	TP072205-GS	TPWFTP07
EDP	18000253	18000001

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

Drilling - Drill Holder

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

**NEW**



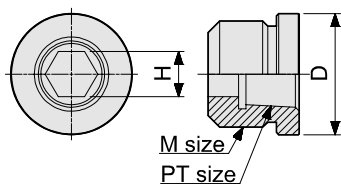
☐: p.200

Unit:mm

Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
21	42		YGSY2 - 210S25 - 07	1022	65	121.0	25	32	56
	63		YGSY3 - 210S25 - 07	1034	86	142.0			
	84		YGSY4 - 210S25 - 07	1046	107	163.0			
	105		YGSY5 - 210S25 - 07	1058	128	184.0			
22	44		YGSY2 - 220S25 - 07	1023	67	123.0			
	66		YGSY3 - 220S25 - 07	1035	89	145.0			
	88		YGSY4 - 220S25 - 07	1047	111	167.0			
	110		YGSY5 - 220S25 - 07	1059	133	189.0			
23	46		YGSY2 - 230S25 - 07	1024	68	124.0			
	69		YGSY3 - 230S25 - 07	1036	91	147.0			
	92		YGSY4 - 230S25 - 07	1048	114	170.0			
			115		137	193.0			

**NEW**  
**SYM07T206**

## 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

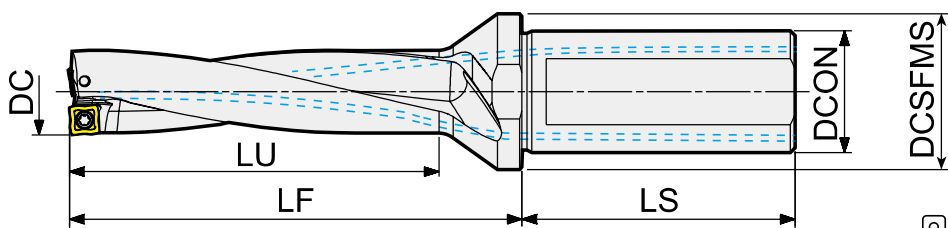
SYM07	Screw	Wrench
Description	TP072205-GS	TPWFTP07
EDP	18000253	18000001

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



Drilling - Drill Holder

## X-Drill Holder (SYMX08) (DC 24~28)

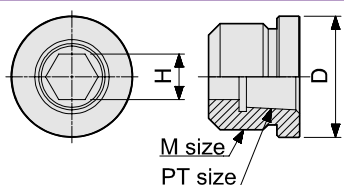


□: p. 200 Unit:mm

Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
24	48		YGSY2-240S32-08	1025	70	130.0	32	45	60
	72		YGSY3-240S32-08	1037	94	154.0			
	96		YGSY4-240S32-08	1049	118	178.0			
	120		YGSY5-240S32-08	1061	142	202.0			
25	50		YGSY2-250S32-08	1026	72	132.0			
	75		YGSY3-250S32-08	1038	97	157.0			
	100		YGSY4-250S32-08	1050	122	182.0			
	125		YGSY5-250S32-08	1062	147	207.0			
26	52		YGSY2-260S32-08	1027	73	133.0			
	78		YGSY3-260S32-08	1039	99	159.0			
	104		YGSY4-260S32-08	1051	125	185.0			
	130		YGSY5-260S32-08	1063	151	211.0			
27	54		YGSY2-270S32-08	1028	77	137.0			
	81		YGSY3-270S32-08	1040	104	164.0			
	108		YGSY4-270S32-08	1052	131	191.0			
	135		YGSY5-270S32-08	1064	158	218.0			
28	56		YGSY2-280S32-08	1029	79	139.0			
	84		YGSY3-280S32-08	1041	107	167.0			
	112		YGSY4-280S32-08	1053	135	195.0			
	140		YGSY5-280S32-08	1065	163	223.0			

**NEW**  
**SYMX**  
**080306**

### 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.

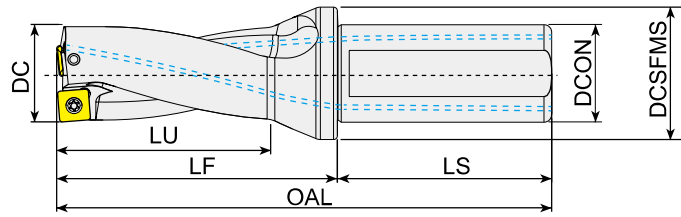
\* Clamping Torque (Nm) 1.2Nm

SYMX08	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

Drilling - Drill Holder

# Square Drill Holder (SPMX05) (DC 13~15)



☐: p.201

Unit:mm

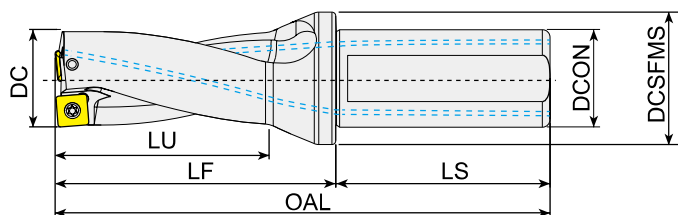
Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>SPMX 050204</b>	13	26	YGSP2-13S20F026-05	0001	44	94	20	25	50
		39	YGSP3-13S20F039-05	0004	57	107			
		65	YGSP5-13S20F065-05	0007	83	133			
	14	28	YGSP2-14S20F028-05	0002	46	96			
		42	YGSP3-14S20F042-05	0005	60	110			
		70	YGSP5-14S20F070-05	0008	88	138			
	15	30	YGSP2-15S20F030-05	0003	48	98			
		45	YGSP3-15S20F045-05	0006	63	113			
		75	YGSP5-15S20F075-05	0009	93	143			

\* Call for us DC size increments of 0.5

SPMX05	Screw	Wrench
Description	T062043D	TWFT06
EDP	18000177	18000031

\* Clamping Torque (Nm) 0.6Nm

**Square Drill Holder (SPMX06) (DC 16~21)**



☐: p. 201

Unit:mm

Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>SPMX 060204</b>	16	32	YGSP2 - 16S25F032 - 06	0010	53	109	25	32	56
		48	YGSP3 - 16S25F048 - 06	0016	69	125			
		80	YGSP5 - 16S25F080 - 06	0022	101	157			
	17	34	YGSP2 - 17S25F034 - 06	0011	55	111			
		51	YGSP3 - 17S25F051 - 06	0017	72	128			
		85	YGSP5 - 17S25F085 - 06	0023	106	162			
	18	36	YGSP2 - 18S25F036 - 06	0012	57	113			
		54	YGSP3 - 18S25F054 - 06	0018	75	131			
		90	YGSP5 - 18S25F090 - 06	0024	111	167			
	19	38	YGSP2 - 19S25F038 - 06	0013	59	115			
		57	YGSP3 - 19S25F057 - 06	0019	78	134			
		95	YGSP5 - 19S25F095 - 06	0025	116	172			
	20	40	YGSP2 - 20S25F040 - 06	0014	62	118			
		60	YGSP3 - 20S25F060 - 06	0020	82	138			
		100	YGSP5 - 20S25F100 - 06	0026	122	178			
	21	42	YGSP2 - 21S25F042 - 06	0015	64	120			
		63	YGSP3 - 21S25F063 - 06	0021	85	141			
		105	YGSP5 - 21S25F105 - 06	0027	127	183			

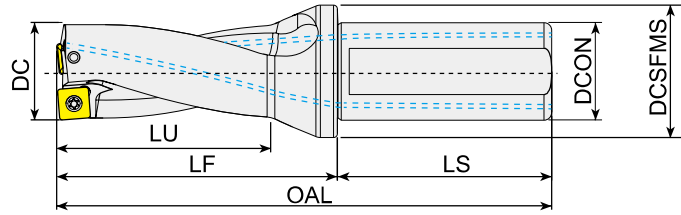
\* Call for us DC size increments of 0.5

\* Clamping Torque (Nm) 0.7Nm

SPMX06	Screw	Wrench
Description	T072252D	TWFT07
EDP	18000178	18000032

Drilling - Drill Holder

# Square Drill Holder (SPMX07) (DC 22~27)



☐: p.201

Unit:mm

Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>SPMX 07T308</b>	22	44	YGSP2-22S32F044-07	0028	74	134	32	45	60
		66	YGSP3-22S32F066-07	0034	96	156			
		110	YGSP5-22S32F110-07	0040	140	200			
	23	46	YGSP2-23S32F046-07	0029	76	136			
		69	YGSP3-23S32F069-07	0035	99	159			
		115	YGSP5-23S32F115-07	0041	145	205			
	24	48	YGSP2-24S32F048-07	0030	78	138			
		72	YGSP3-24S32F072-07	0036	102	162			
		120	YGSP5-24S32F120-07	0042	150	210			
	25	50	YGSP2-25S32F050-07	0031	80	140			
		75	YGSP3-25S32F075-07	0037	105	165			
		125	YGSP5-25S32F125-07	0043	155	215			
	26	52	YGSP2-26S32F052-07	0032	82	142			
		78	YGSP3-26S32F078-07	0038	108	168			
		130	YGSP5-26S32F130-07	0044	160	220			
	27	54	YGSP2-27S32F054-07	0033	84	144			
		81	YGSP3-27S32F081-07	0039	111	171			
		135	YGSP5-27S32F135-07	0045	165	225			

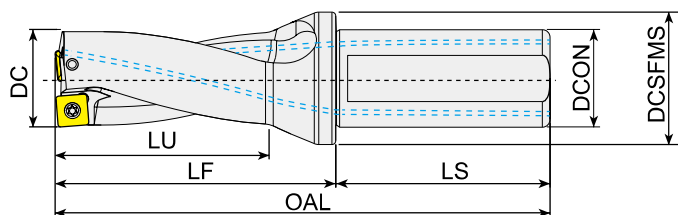
\* Call for us DC size increments of 0.5

\* Clamping Torque (Nm) 1.2Nm

SPMX07	Screw	Wrench
Description	T082564D	TWFT08
EDP	18000179	18000033

Drilling - Drill Holder

## Square Drill Holder (SPMX09) (DC 28~33)



☐: p. 201

Unit:mm

Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>SPMX 090408</b>	28	56	YGSP2-28S32F056-09	0046	86	146	32	45	60
		84	YGSP3-28S32F084-09	0052	114	174			
		140	YGSP5-28S32F140-09	0058	170	230			
	29	58	YGSP2-29S32F058-09	0047	88	148			
		87	YGSP3-29S32F087-09	0053	117	177			
		145	YGSP5-29S32F145-09	0059	175	235			
	30	60	YGSP2-30S32F060-09	0048	91	151			
		90	YGSP3-30S32F090-09	0054	121	181			
		150	YGSP5-30S32F150-09	0060	181	241			
	31	62	YGSP2-31S32F062-09	0049	93	153			
		93	YGSP3-31S32F093-09	0055	124	184			
		155	YGSP5-31S32F155-09	0061	186	246			
	32	64	YGSP2-32S32F064-09	0050	95	155			
		96	YGSP3-32S32F096-09	0056	127	187			
		160	YGSP5-32S32F160-09	0062	191	251			
	33	66	YGSP2-33S32F066-09	0051	97	157			
		99	YGSP3-33S32F099-09	0057	130	190			
		165	YGSP5-33S32F165-09	0063	196	256			

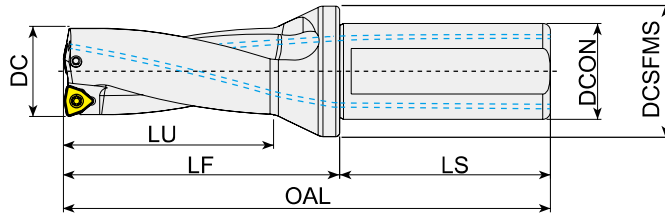
\* Call for us DC size increments of 0.5

\* Clamping Torque (Nm) 2.4Nm

SPMX09	Screw	Wrench
Description	T103588D	TWFT10
EDP	18000180	18000034

Drilling - Drill Holder

# Trigonal Drill Holder (WCMX03) (DC 16~19.5)



⊙: p. 202

Unit:mm

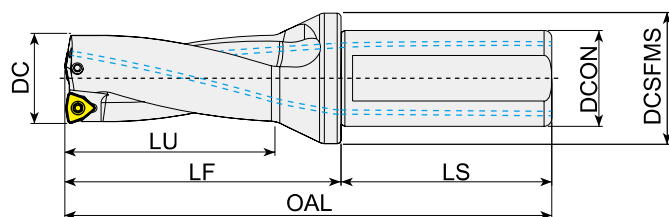
Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>WCMX 030208</b>	16	32	YGWC2 - 16S25F032 - 03	0253	54	110	25	34	56
		48	YGWC3 - 16S25F048 - 03	0296	70	126			
		64	YGWC4 - 16S25F064 - 03	0339	86	142			
	16.5	32	YGWC2 - 16.5S25F032 - 03	0780	54	110			
		48	YGWC3 - 16.5S25F048 - 03	0781	70	126			
		64	YGWC4 - 16.5S25F064 - 03	0782	86	142			
	17	34	YGWC2 - 17S25F034 - 03	0254	56	112			
		51	YGWC3 - 17S25F051 - 03	0297	73	129			
		68	YGWC4 - 17S25F068 - 03	0340	90	146			
	17.5	34	YGWC2 - 17.5S25F034 - 03	0783	56	112			
		51	YGWC3 - 17.5S25F051 - 03	0784	73	129			
		68	YGWC4 - 17.5S25F068 - 03	0785	90	146			
	18	36	YGWC2 - 18S25F036 - 03	0255	58	114			
		54	YGWC3 - 18S25F054 - 03	0298	76	132			
		72	YGWC4 - 18S25F072 - 03	0341	94	150			
	18.5	36	YGWC2 - 18.5S25F036 - 03	0786	58	114			
		54	YGWC3 - 18.5S25F054 - 03	0787	76	132			
		72	YGWC4 - 18.5S25F072 - 03	0788	94	150			
	19	38	YGWC2 - 19S25F038 - 03	0256	60	116			
		57	YGWC3 - 19S25F057 - 03	0299	79	135			
		76	YGWC4 - 19S25F076 - 03	0342	98	154			
	19.5	38	YGWC2 - 19.5S25F038 - 03	0789	60	116			
		57	YGWC3 - 19.5S25F057 - 03	0790	79	135			
		76	YGWC4 - 19.5S25F076 - 03	0791	98	154			


\* Clamping Torque (Nm) 0.6Nm

WCMX03	Screw	Wrench
Description	T0622557	TWFT06
EDP	18000183	18000031

Drilling - Drill Holder

## Trigonal Drill Holder (WCMX04) (DC 20~23.5)



 : p.202

Unit:mm

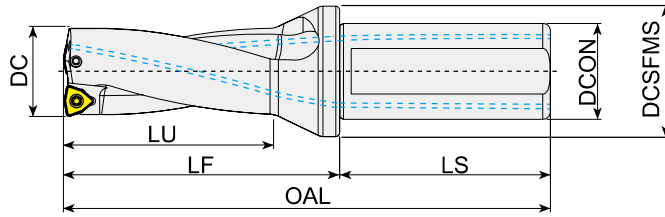
Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>WCMX 040208</b>	20	40	YGWC2-20S25F040-04	0257	62	118	25	34	56
		60	YGWC3-20S25F060-04	0300	82	138			
		80	YGWC4-20S25F080-04	0343	102	158			
	20.5	40	YGWC2-20.5S25F040-04	0726	62	118			
		60	YGWC3-20.5S25F060-04	0727	82	138			
	21	42	YGWC2-21S25F042-04	0258	64	120			
		63	YGWC3-21S25F063-04	0301	85	141			
		84	YGWC4-21S25F084-04	0344	106	162			
	21.5	42	YGWC2-21.5S25F042-04	0728	64	120			
		63	YGWC3-21.5S25F063-04	0729	85	141			
	22	44	YGWC2-22S25F044-04	0259	66	122			
		66	YGWC3-22S25F066-04	0302	88	144			
		88	YGWC4-22S25F088-04	0345	110	166			
	22.5	44	YGWC2-22.5S25F044-04	0730	66	122			
		66	YGWC3-22.5S25F066-04	0731	88	144			
	23	88	YGWC4-22.5S25F088-04	0732	110	166			
		46	YGWC2-23S25F046-04	0260	68	124			
		69	YGWC3-23S25F069-04	0303	91	147			
23.5	92	YGWC4-23S25F092-04	0346	114	170				
	46	YGWC2-23.5S25F046-04	0733	68	124				
	69	YGWC3-23.5S25F069-04	0734	91	147				

\* Clamping Torque (Nm) 1.2Nm

WCMX04	Screw	Wrench
Description	T072565D	TWFT07
EDP	18000184	18000032

Drilling - Drill Holder

# Trigonal Drill Holder (WCMX05) (D2416~29.5)



⊙: p. 202

Unit:mm

Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>WCMX 050308</b>	24	48	YGWC2 - 24S25F048 - 05	0261	70	126	25	34	56
		72	YGWC3 - 24S25F072 - 05	0304	94	150			
		96	YGWC4 - 24S25F096 - 05	0347	118	174			
	24.5	48	YGWC2 - 24.5S25F048 - 05	0735	70	126			
		72	YGWC3 - 24.5S25F072 - 05	0736	94	150			
		50	YGWC2 - 25S25F050 - 05	0262	72	128			
	25	75	YGWC3 - 25S25F075 - 05	0305	97	153			
		100	YGWC4 - 25S25F100 - 05	0251	122	178			
		25.5	50	YGWC2 - 25.5S25F050 - 05	0737	72			
	75		YGWC3 - 25.5S25F075 - 05	0738	97	153			
	26		52	YGWC2 - 26S25F052 - 05	0263	74			
		78	YGWC3 - 26S25F078 - 05	0306	100	156			
		104	YGWC4 - 26S25F104 - 05	0349	126	182			
	26.5	52	YGWC2 - 26.5S25F052 - 05	0739	74	130			
		78	YGWC3 - 26.5S25F078 - 05	0741	100	156			
		104	YGWC4 - 26.5S25F104 - 05	0742	126	182			
	27	54	YGWC2 - 27S25F054 - 05	0264	76	132			
		81	YGWC3 - 27S25F081 - 05	0307	103	159			
		108	YGWC4 - 27S25F108 - 05	0350	130	186			
	27.5	54	YGWC2 - 27.5S25F054 - 05	0743	76	132			
		81	YGWC3 - 27.5S25F081 - 05	0744	103	159			
		28	56	YGWC2 - 28S25F056 - 05	0265	78			
	84		YGWC3 - 28S25F084 - 05	0308	106	162			
	112		YGWC4 - 28S25F112 - 05	0351	134	190			
28.5	56	YGWC2 - 28.5S25F056 - 05	0745	78	134				
	84	YGWC3 - 28.5S25F084 - 05	0746	106	162				
	112	YGWC4 - 28.5S25F112 - 05	0747	134	190				
29	58	YGWC2 - 29S25F058 - 05	0266	80	136				
	87	YGWC3 - 29S25F087 - 05	0309	109	165				
	116	YGWC4 - 29S25F116 - 05	0352	138	194				
29.5	58	YGWC2 - 29.5S25F058 - 05	0748	80	136				
	87	YGWC3 - 29.5S25F087 - 05	0749	109	165				

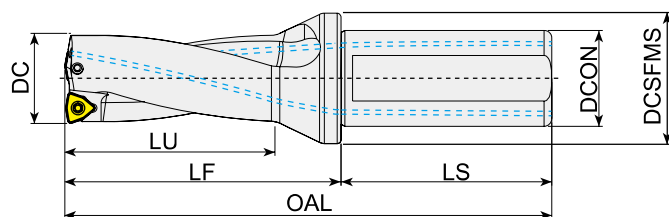
\* Clamping Torque (Nm) 1.6Nm

WCMX05	Screw	Wrench
Description	T693072D	TWFT08
EDP	18000185	18000033



Drilling - Drill Holder

## Trigonal Drill Holder (WCMX06) (DC 30~44.5)



: p.202

Unit:mm

Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>WCMX 06T308</b>	30	60	YGWC2 - 30S32F060 - 06	0267	87	147	32	44	60
		90	YGWC3 - 30S32F090 - 06	0310	117	177			
		120	YGWC4 - 30S32F120 - 06	0353	147	207			
	30.5	90	YGWC3 - 30.5S32F090 - 06	0750	117	177			
	31	62	YGWC2 - 31S32F062 - 06	0268	89	149			
		93	YGWC3 - 31S32F093 - 06	0311	120	180			
		124	YGWC4 - 31S32F124 - 06	0354	151	211			
	31.5	93	YGWC3 - 31.5S32F093 - 06	0751	120	180			
	32	64	YGWC2 - 32S32F064 - 06	0269	91	151			
		96	YGWC3 - 32S32F096 - 06	0312	123	183			
		128	YGWC4 - 32S32F128 - 06	0252	155	215			
	32.5	96	YGWC3 - 32.5S32F096 - 06	0752	123	183			
	33	66	YGWC2 - 33S32F066 - 06	0753	93	153			
		99	YGWC3 - 33S32F099 - 06	0754	126	186			
		132	YGWC4 - 33S32F132 - 06	0755	159	219			
	33.5	99	YGWC3 - 33.5S32F099 - 06	0756	126	186			
		132	YGWC4 - 33.5S32F132 - 06	0757	159	219			
	34	68	YGWC2 - 34S32F068 - 06	0271	95	155			
		102	YGWC3 - 34S32F102 - 06	0314	129	189			
		136	YGWC4 - 34S32F136 - 06	0357	163	223			
	34.5	102	YGWC3 - 34.5S32F102 - 06	0758	129	189			
	35	70	YGWC2 - 35S32F070 - 06	0272	97	157			
		105	YGWC3 - 35S32F105 - 06	0315	132	192			
		140	YGWC4 - 35S32F140 - 06	0358	167	227			
	35.5	105	YGWC3 - 35.5S32F105 - 06	0759	132	192			
	36	72	YGWC2 - 36S32F072 - 06	0273	99	159			
		108	YGWC3 - 36S32F108 - 06	0316	135	195			
		144	YGWC4 - 36S32F144 - 06	0359	171	231			
36.5	108	YGWC3 - 36.5S32F108 - 06	0760	135	195				
37	74	YGWC2 - 37S32F074 - 06	0274	101	161				
	111	YGWC3 - 37S32F111 - 06	0317	138	198				
	148	YGWC4 - 37S32F148 - 06	0360	175	235				

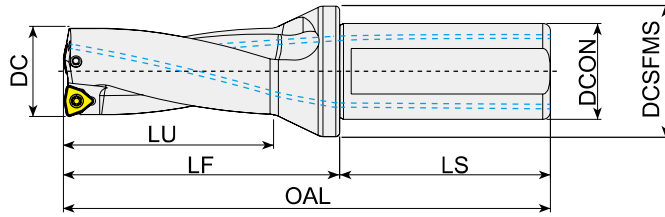
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\* Clamping Torque (Nm) 2.4Nm

WCMX06	Screw	Wrench
Description	T103588D	TWFT10
EDP	18000180	18000034

Drilling - Drill Holder

# Trigonal Drill Holder (WCMX06) (DC 30~44.5)



⊙: p. 202

Unit:mm

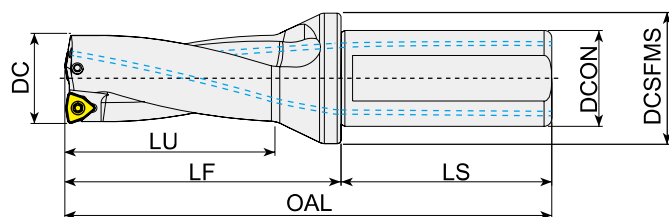
Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>WCMX 06T308</b>	37.5	111	YGWC3 - 37.5S32F111 - 06	0761	138	198	32	44	60
		76	YGWC2 - 38S32F076 - 06	0275	103	163			
	38	114	YGWC3 - 38S32F114 - 06	0318	141	201			
		152	YGWC4 - 38S32F152 - 06	0361	179	239			
	38.5	114	YGWC3 - 38.5S32F114 - 06	0762	141	201			
		152	YGWC4 - 38.5S32F152 - 06	0763	179	239			
	39	78	YGWC2 - 39S32F078 - 06	0276	105	165			
		117	YGWC3 - 39S32F117 - 06	0319	144	204			
		156	YGWC4 - 39S32F156 - 06	0362	183	243			
	39.5	117	YGWC3 - 39.5S32F117 - 06	0764	144	204			
	40	80	YGWC2 - 40S32F080 - 06	0277	107	167			
		120	YGWC3 - 40S32F120 - 06	0320	147	207			
		160	YGWC4 - 40S32F160 - 06	0363	187	247			
	40.5	120	YGWC3 - 40.5S32F120 - 06	0765	147	207			
	41	82	YGWC2 - 41S32F082 - 06	0278	109	169			
		123	YGWC3 - 41S32F123 - 06	0321	150	210			
		164	YGWC4 - 41S32F164 - 06	0364	191	251			
	41.5	123	YGWC3 - 41.5S32F123 - 06	0766	150	210			
	42	84	YGWC2 - 42S32F084 - 06	0279	111	171			
		126	YGWC3 - 42S32F126 - 06	0322	153	213			
		168	YGWC4 - 42S32F168 - 06	0365	195	255			
	42.5	126	YGWC3 - 42.5S32F126 - 06	0767	153	213			
	43	86	YGWC2 - 43S32F086 - 06	0280	113	173			
		129	YGWC3 - 43S32F129 - 06	0323	156	216			
	43.5	172	YGWC4 - 43S32F172 - 06	0366	199	259			
		129	YGWC3 - 43.5S32F129 - 06	0768	156	216			
	44	88	YGWC2 - 44S32F088 - 06	0281	115	175			
		132	YGWC3 - 44S32F132 - 06	0324	159	219			
44.5	176	YGWC4 - 44S32F176 - 06	0367	203	263				
	132	YGWC3 - 44.5S32F132 - 06	0769	159	219				

\* Clamping Torque (Nm) 2.4Nm

WCMX06	Screw	Wrench
Description	T103588D	TWFT10
EDP	18000180	18000034

Drilling - Drill Holder

## Trigonal Drill Holder (WCMX08) (DC 45~60)



: p.202

Unit:mm

Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>WCMX 080412</b>	45	90	YGWC2 - 45S40F090 - 08	0282	122	192	40	54	70
		135	YGWC3 - 45S40F135 - 08	0325	167	237			
		180	YGWC4 - 45S40F180 - 08	0368	212	282			
	45.5	135	YGWC3 - 45.5S40F135 - 08	0770	167	237			
	46	92	YGWC2 - 46S40F092 - 08	0283	124	194			
		138	YGWC3 - 46S40F138 - 08	0326	170	240			
		184	YGWC4 - 46S40F184 - 08	0369	216	286			
	47	94	YGWC2 - 47S40F094 - 08	0284	126	196			
		141	YGWC3 - 47S40F141 - 08	0327	173	243			
		188	YGWC4 - 47S40F188 - 08	0370	220	290			
	48	96	YGWC2 - 48S40F096 - 08	0285	128	198			
		144	YGWC3 - 48S40F144 - 08	0328	176	246			
		192	YGWC4 - 48S40F192 - 08	0371	224	294			
	49	98	YGWC2 - 49S40F098 - 08	0286	130	200			
		147	YGWC3 - 49S40F147 - 08	0329	179	249			
		196	YGWC4 - 49S40F196 - 08	0372	228	298			
	50	100	YGWC2 - 50S40F100 - 08	0287	132	202			
		150	YGWC3 - 50S40F150 - 08	0330	182	252			
		200	YGWC4 - 50S40F200 - 08	0373	232	302			
	51	102	YGWC2 - 51S40F102 - 08	0288	134	204			
153		YGWC3 - 51S40F153 - 08	0331	185	255				

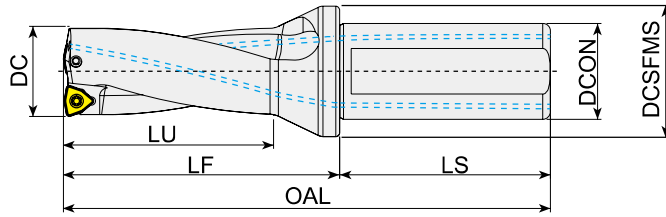
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\* Clamping Torque (Nm) 3.0Nm

WCMX08	Screw	Wrench
Description	T154011D	TWFT15
EDP	18000186	18000035

Drilling - Drill Holder

# Trigonal Drill Holder (WCMX08) (DC 45~60)



⊙: p. 202

Unit:mm

Series	DC	LU	Designation	EDP 3700..	LF	OAL	DCON	DCSFMS	LS
<b>WCMX 080412</b>	52	104	YGWC2 - 52S40F104 - 08	0289	136	206	40	54	70
		156	YGWC3 - 52S40F156 - 08	0332	188	258			
	53	106	YGWC2 - 53S40F106 - 08	0290	138	208			
		159	YGWC3 - 53S40F159 - 08	0333	191	261			
	54	108	YGWC2 - 54S40F108 - 08	0291	140	210			
		162	YGWC3 - 54S40F162 - 08	0334	194	264			
	55	110	YGWC2 - 55S40F110 - 08	0292	142	212			
		165	YGWC3 - 55S40F165 - 08	0335	197	267			
	56	112	YGWC2 - 56S40F112 - 08	0293	144	214			
		168	YGWC3 - 56S40F168 - 08	0336	200	270			
	57	114	YGWC2 - 57S40F114 - 08	0294	146	216			
		171	YGWC3 - 57S40F171 - 08	0337	203	273			
	58	116	YGWC2 - 58S40F116 - 08	0295	148	218			
		174	YGWC3 - 58S40F174 - 08	0338	206	276			
	59	118	YGWC2 - 59S40F118 - 08	0771	150	220			
		177	YGWC3 - 59S40F177 - 08	0772	209	279			
	60	120	YGWC2 - 60S40F120 - 08	0773	152	222			
		180	YGWC3 - 60S40F180 - 08	0774	212	282			

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

\* Clamping Torque (Nm) 3.0Nm

WCMX08	Screw	Wrench
Description	T154011D	TWFT15
EDP	18000186	18000035