



动力刀座与固定刀座

CITIZEN西铁城 | HAAS哈斯 | MAZAK马扎克 | MORI SEIKI森精机



选择指南

西铁城(CITIZEN)机床

K12 & K16系列机床动力刀座	3
M20, M32 3系列机床动力刀座	4
M20, M32 3系列机床固定刀座	7
M32 5系列机床动力刀座	
L16, L20, L20-I, L20-II, L20-VII 系列机床动力刀座	9
L16, L20, L20-I, L20-II, L20-VII 系列机床固定刀座	10
L25, L32 系列机床动力刀座	11
C16 系列机床动力刀座	12

哈斯(HAAS)机床

SL20, SL30 - 标准 VDI 转塔系列机床动力刀座	
SL20, SL30 - HAAS转塔系列机床动力刀座	
SL20, SL30, TL15, TL25 - HYBRID转塔系列机床动力刀座	
SL40, ST20, ST30 - 标准 VDI 转塔系列机床动力刀座	13
SL40 - Hybrid & Haas 转塔系列机床动力刀座&固定刀座	14



马扎克(MAZAK)机床

MP410, MP610, MP615, MP6100系列机床动力刀座	
MP620, MP625, MP6200, MP6250-16刀座的转塔系列机床动力刀座	
Hyper Quadrex 150MSY 机床动力刀座	15
MP420, MP620, MP625, MP6200, MP6250-12刀座的转塔系列机床动力刀座	16
MP420, MP620, MP625, MP6200, MP6250-12刀座的转塔系列机床固定刀座	17
MP420, MP620, MP625, MP6200, MP6250-12刀座的转塔系列机床Capto固定刀座	20
MP420, MP620, MP625, MP6200, MP6250-12刀座的转塔系列机床衬套	21
MP630, MP6300, MP430, MP4300系列机床动力刀座	22
MP630, MP6300, MP430, MP4300系列机床固定刀座	23
MP630, MP6300, MP430, MP4300系列机床Capto固定刀座	25
MP630, MP6300, MP430, MP4300系列机床衬套	26
QTN NE XUS 100, SQT 10, SQT 100-12刀座的转塔系列机床动力刀座	
SQT 15, SQT 18, SQT 200, SQT 250-16刀座的转塔系列机床动力刀座	27
QTN NE XUS 100, SQT 10, SQT 100-12刀座的转塔系列机床固定刀座	
SQT 15, SQT 18, SQT 200, SQT 250-16刀座的转塔系列机床固定刀座	28
QTN NE XUS 100, SQT 10, SQT 100-12刀座的转塔系列机床Capto固定刀座	
SQT 15, SQT 18, SQT 200, SQT 250-16刀座的转塔系列机床Capto固定刀座	31
QTN NE XUS 100, SQT 10, SQT 100-12刀座的转塔系列机床衬套	
SQT 15, SQT 18, SQT 200, SQT 250-16刀座的转塔系列机床衬套	32
QTN NEXUS 200, NEXUS 250 系列机床动力刀座	
SQT 15, SQT 18, SQT 200, SQT 250-12刀座的转塔系列机床动力刀座	33
QTN NEXUS 200, NEXUS 250 系列机床固定刀座	
SQT 15, SQT 18, SQT 200, SQT 250-12刀座的转塔系列机床固定刀座	36
QTN NEXUS 200, NEXUS 250 系列机床Capto固定刀座	
SQT 15, SQT 18, SQT 200, SQT 250-12刀座的转塔系列机床Capto固定刀座	39
QTN NEXUS 200, NEXUS 250 系列机床衬套	
SQT 15, SQT 18, SQT 200, SQT 250-12刀座的转塔系列机床衬套	41
QTN NEXUS 300, NEXUS 350, NEXUS 400, NEXUS 450系列机床动力刀座	
SQT 28, SQT 30, SQT 300系列机床动力刀座	42
QTN NEXUS 300, NEXUS 350, NEXUS 400, NEXUS 450系列机床固定刀座	
SQT 28, SQT 30, SQT 300系列机床固定刀座	44
QTN NEXUS 300, NEXUS 350, NEXUS 400, NEXUS 450系列机床Capto固定刀座	
SQT 28, SQT 30, SQT 300系列机床Capto固定刀座	49
QTN NEXUS 300, NEXUS 350, NEXUS 400, NEXUS 450系列机床衬套	
SQT 28, SQT 30, SQT 300系列机床衬套	50

森精机(MORI SEIKI)机床

NL1500, NL2000, NL2500, NL3000, NT 4200, NT 4250, NT 4300系列机床动力刀座	51
NL1500, NL2000, NL2500, NL3000, NT 4200, NT 4250, NT 4300系列机床固定刀座	53
NL1500, NL2000, NL2500, NL3000, NT 4200, NT 4250, NT 4300系列机床Capto固定刀座	60
NL1500, NL2000, NL2500, NL3000, NT 4200, NT 4250, NT 4300系列机床衬套	63

维修服务

动力刀座与固定刀座



动力刀座与固定刀座

西铁城（CITIZEN）机床



品质出众！

创新技术是帕莱克开发动力刀座与固定刀座的基石，与竞争厂家相比，帕莱克动力刀座具有转速更高、刚性更强、使用寿命更长等优点。

- 先进技术
帕莱克把超级铣削技术（Supermill）运用到公司制造的每把刀座上，与常规刀座相比，使用帕莱克生产的刀座加工产品，具有更好的光洁度，提高了转速与进给量，效率更高！
- 轴承技术
NSK高精度轴承，独特的对称双轴承设计，安装更加贴近齿轮，产生最好的刚性。
- 密封技术
独有的专利密封技术，可实现密封圈的更换，具有更高的转速，提高了刀座的使用寿命。
- 全球服务与支持
帕莱克专业的服务团队为您提供全程技术支持与优质的本地化服务。

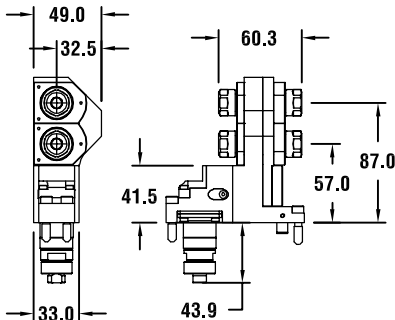


K12 & K16系列机床

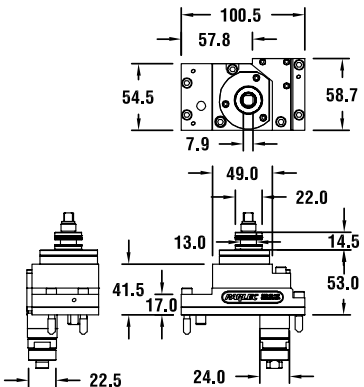
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最大扭矩	最高转速	冷却方式	图纸
GSE2007	DBL END FOUR SPIN-ER11- 6000RPM	GSE2007BT	ER11	1:1	4 Nm	6000	外冷却	1
GSS450	STR 50MM ARBOR TOOL- 3000RPM	GSS450BT	ER11	2:1	4 Nm	3000	外冷却	2

图纸：1
GSE2007



图纸：2
GSS450



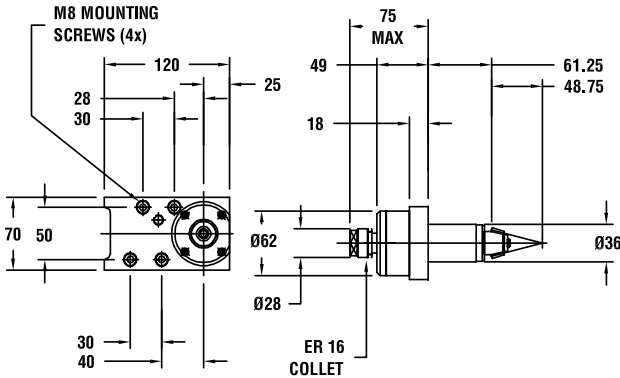


M20, M32 SERIES 3系列机床

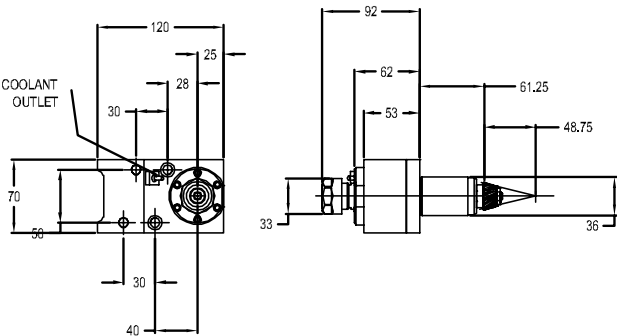
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最高扭矩	最高转速	冷却方式	图纸
259.15618.000	STRAIGHT EXT CLNT ER16 5000RPM	KSC110BT	ER16	1:1	12 Nm	5000	外冷却	3
259.15620.000	STRAIGHT EXT CLNT ER20 2500RPM	KSC110BT-0.5X	ER20	1:1.5	12 Nm	2500	外冷却	4
259.15622.000	STRAIGHT EXT CLNT ER16 10000RPM	KSC110BT-2X	ER16	1:2	10 Nm	10000	外冷却	5
259.15624.000	STRAIGHT EXT CLNT ER16 15000RPM	KSC110BT-3X	ER16	1:3	8 Nm	15000	外冷却	6
259.15707.000	STRAIGHT T/COOL DRIVEN TOOL ER16	KSC110BTTC	ER16	1:1	12 Nm	5000	内冷却	7
259.15613.000	90DEG EXT CLNT ER16 5000RPM	KSE210BT	ER16	1:1	8 Nm	5000	外冷却	8
259.15614.000	90DEG EXT CLNT ER20 2500RPM	KSE210BT-0.5X	ER20	1:1.5	8 Nm	2500	外冷却	9
259.15615.000	90DEG EXT CLNT ER16 10000RPM	KSE210BT-2X	ER16	1:2	8 Nm	10000	外冷却	10
259.15616.000	90DEG EXT CLNT ER16 15000RPM	KSE210BT-3X	ER16	1:3	10 Nm	15000	外冷却	11
259.15708.000	90DEG T/COOL DRIVEN TOOL ER16	KSE210BTTC	ER16	1:1	8 Nm	5000	内冷却	12
259.15441.000	ADJ 0-90 DEG ER11	KSA107BT	ER11	1:1	4 Nm	5000	-	13
259.15442.000	SLITTING SAW DRIVEN TOOL ASSEMBLY	KSS263BT	16MM Pilot	3:1 Reducer	8 Nm	1655	-	14
259.15777.000	VERNIER ADJ GEAR HOBBING TOOL	KSH132BT	-	1.6:1	15 Nm	3148	-	15
259.15789.000	POLYGON DRIVEN TOOL	KSP380BT	-	1.6:1	15 Nm	3148	-	16

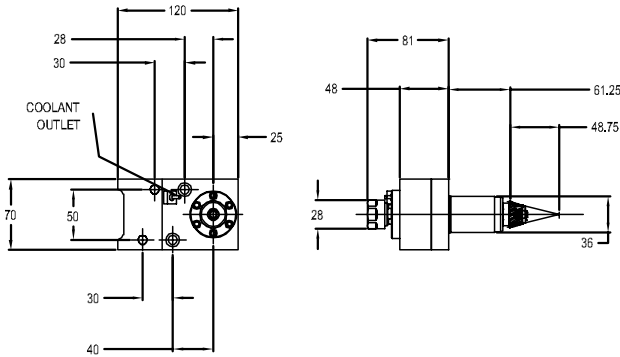
图纸：3
259.15618.000



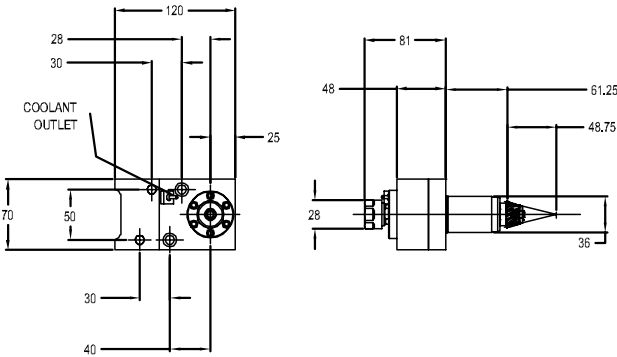
图纸：4
259.15620.000



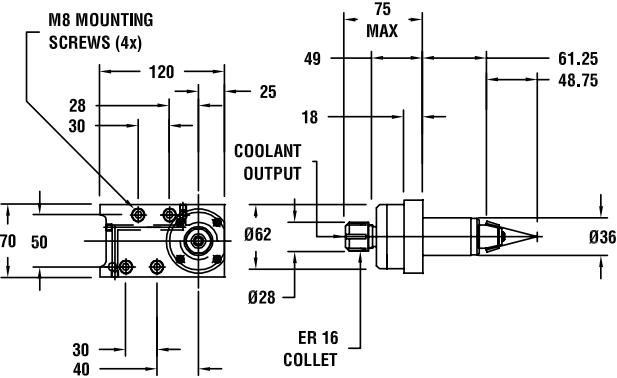
图纸：5
259.15622.000



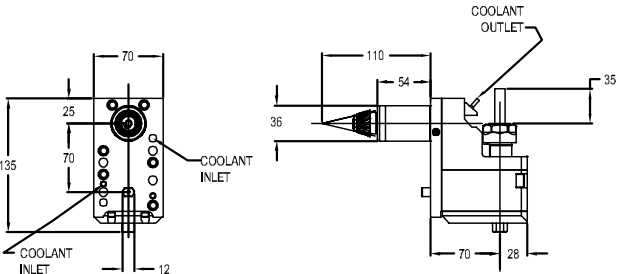
图纸：6
259.15624.000



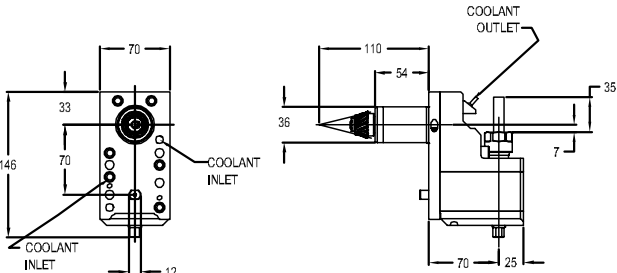
图纸：7
259.15707.000



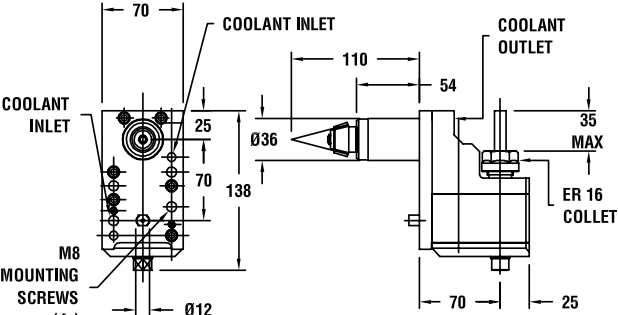
图纸：9
259.15614.000



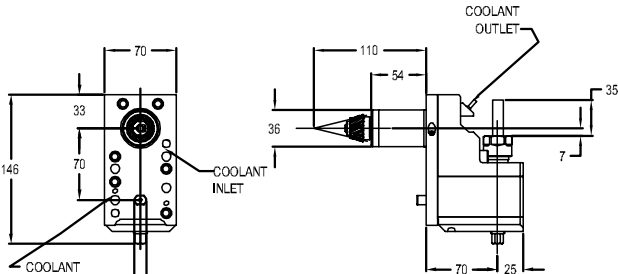
图纸：11
259.15616.000



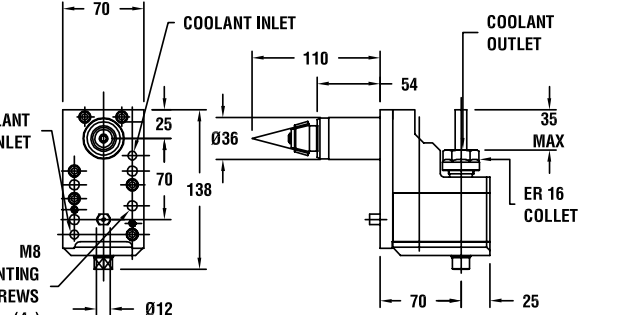
图纸：8
259.15613.000



图纸：10
259.15615.000

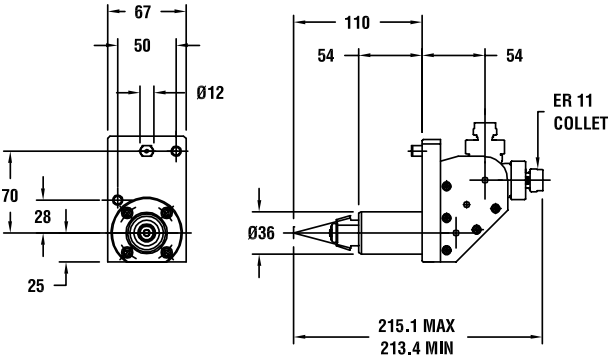


图纸：12
259.15708.000

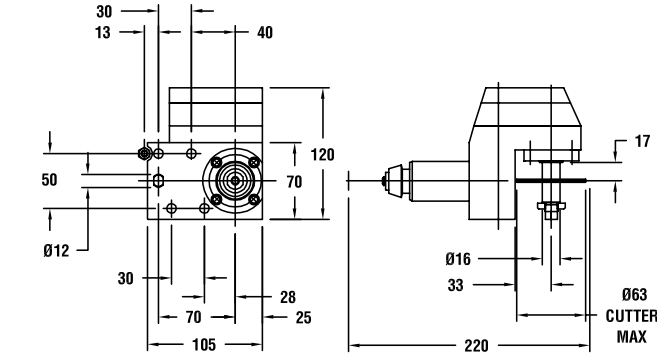




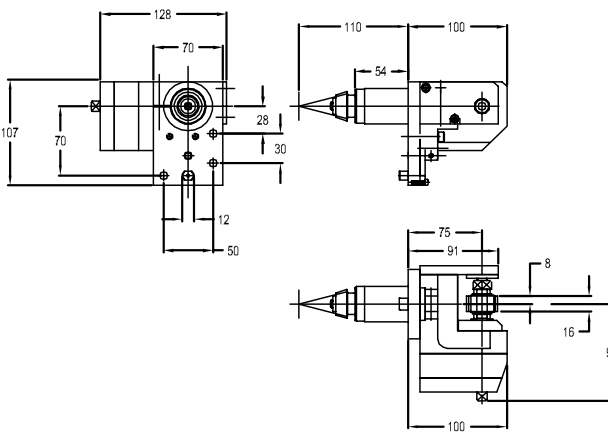
图纸：13
259.15441.000



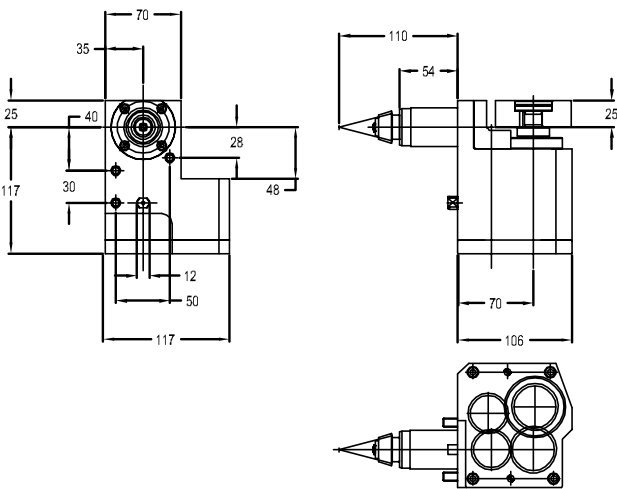
图纸：14
259.15442.000



图纸：15
259.15777.000



图纸：16
259.15789.000

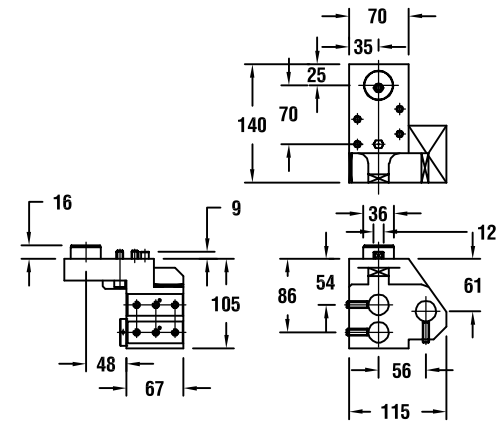


M20, M32 SERIES 3系列机床

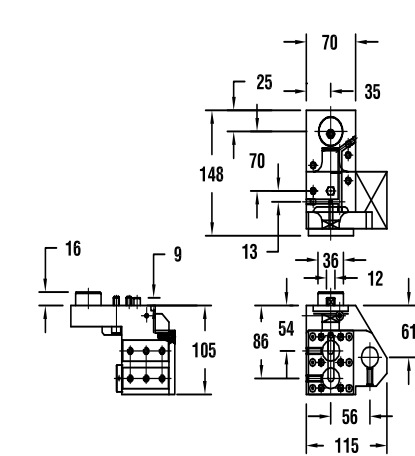
固定刀座

订货号	描述	OEM型号	图纸
259.15443.000	TRIPLE BORING BAR HOLDER 1"	KDFZ401	17
259.74010.000	TRIPLE BORING BAR HOLDER 25MM - T/C	KDFZ401BT	18
259.15612.000	TRIPLE BORING BAR HOLDER 1" - T/C	KDFZ401	19
259.15444.000	DOUBLE TURNING TOOL HOLDER 16MM & 12MM	KTFZ216BT	20
259.15617.000	DBL TRN HLDR-EXT CLNT 16MM & 16MM/12MM	KTFZ216BT	21
259.15908.000	TRIPLE BORING BAR HLDR 1"-T/C & EXT CLNT	CDF901	22
259.15909.000	DBL TURN TOOL HLDR - EXT CLNT 2-16MM	CTF1116BT	23
259.15950.000	VERTICAL SLEEVE HOLDER	GDF909BT	24

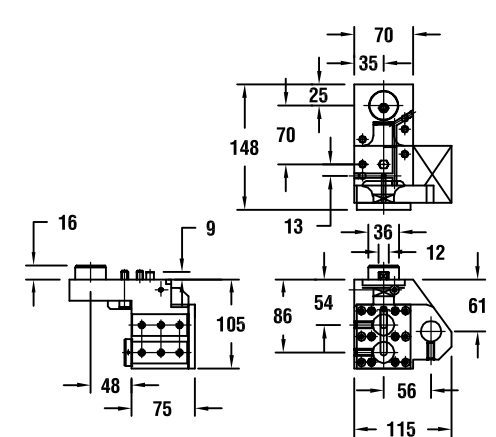
图纸：17
259.15443.000



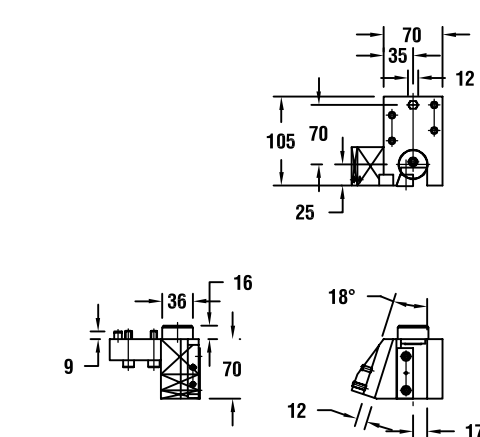
图纸：18
259.74010.000



图纸：19
259.15612.000

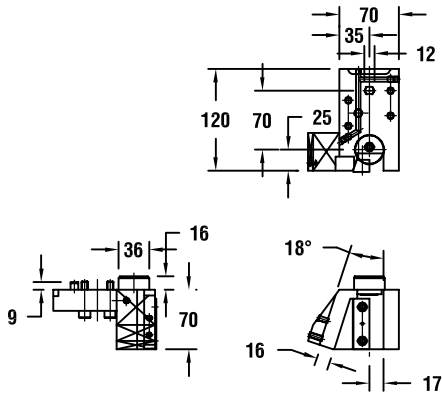


图纸：20
259.15444.000

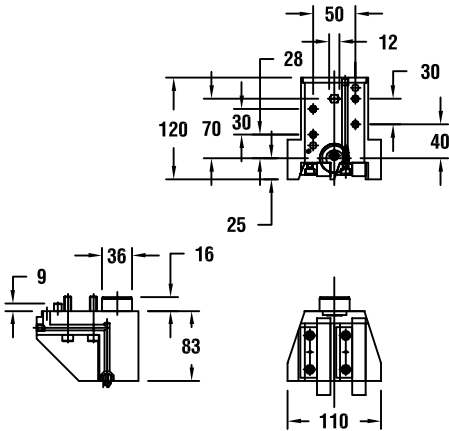




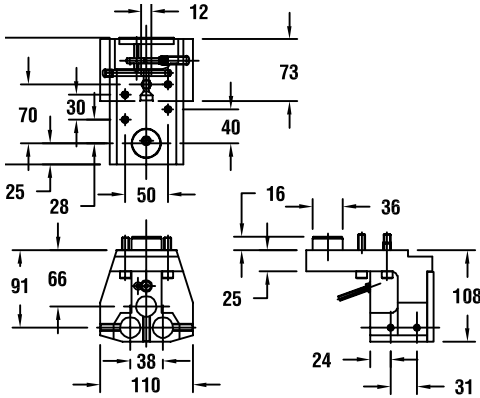
图纸：21
259.15617.000



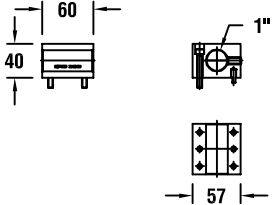
图纸：23
259.15909.000



图纸：22
259.15908.000



图纸：24
259.15950.000

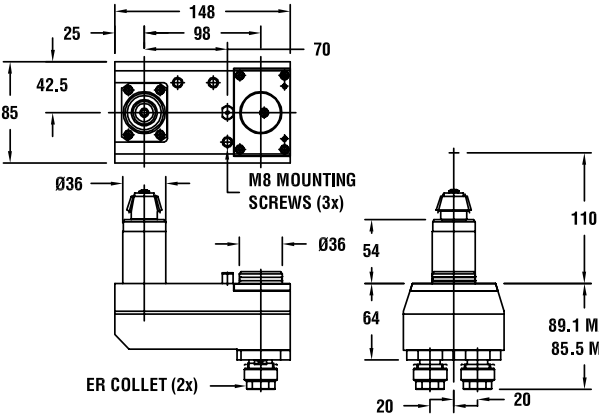


M32 SERIES 5 ONLY系列机床

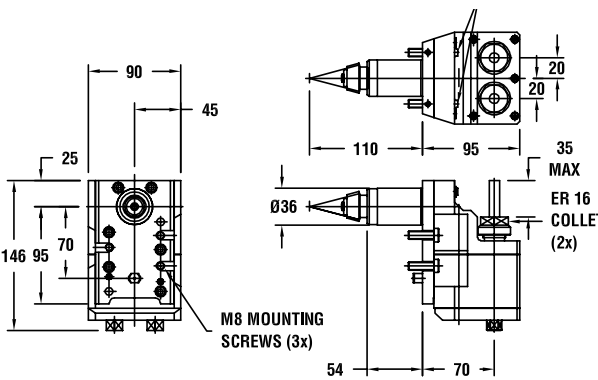
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最大扭矩	最高转速	冷却方式	图纸
259.15906.000	STRAIGHT OFFSET 2 SPIN-ER16	KSC510BT	ER16	1:1	6 Nm	5000	-	25
259.15907.000	90DEG EXT CLNT 2 SPINDLE-ER16	KSE201BT	ER16	1:1	8 Nm	5000	外冷却	26

图纸：25
259.15906.000



图纸：26
259.15907.000

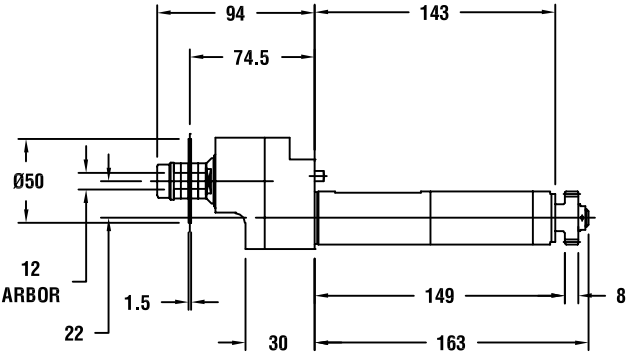


L16, L20, L20-I, L20-II, L20-VII 系列机床

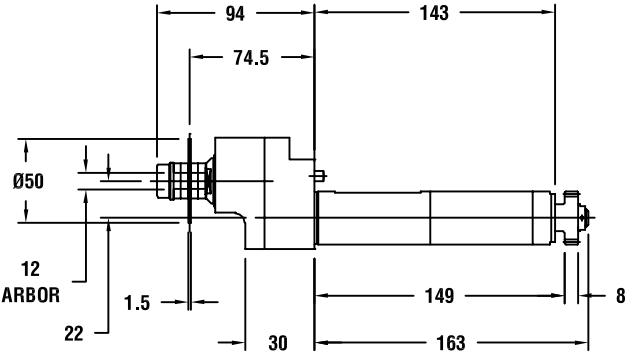
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最大扭矩	最高转速	冷却方式	图纸
000.15700.000	90DEG SLITTING HOLDER 12MM PILOT	GSS510BT	12MM Pilot	1:1	4 Nm	9500	外冷却	27
000.15964.000	90DEG SLITTING HOLDER 13MM PILOT		13MM Pilot	1:1	4 Nm	9500	内冷却	28
000.15182.000	STRAIGHT EXT CLNT DRIVEN TOOL ER16	GSC510BT	ER16	1:1	4 Nm	9500	外冷却	29
000.15172.000	90DEG DOUBLE END DRIVEN TOOL ER11	GSX510BT	ER11	1:1	4 Nm	9500	内冷却	30

图纸：27
000.15700.000

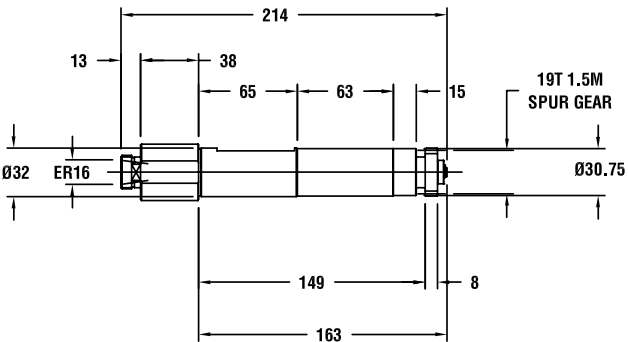


图纸：28
000.15964.000





图纸：29
000.15182.000

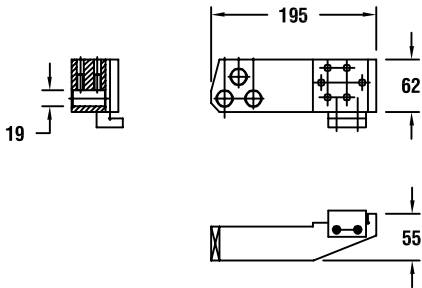


L16, L20, L20-I, L20-II, L20-VII 系列机床

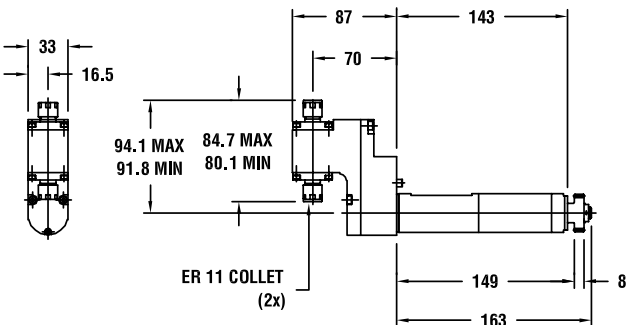
固定刀座

订货号	描述	OEM型号	图纸
000.15558.000	FACE DRILLING SLEEVE HOLDER	GDF607BT	31

图纸：31
000.15558.000



图纸：30
000.15172.000

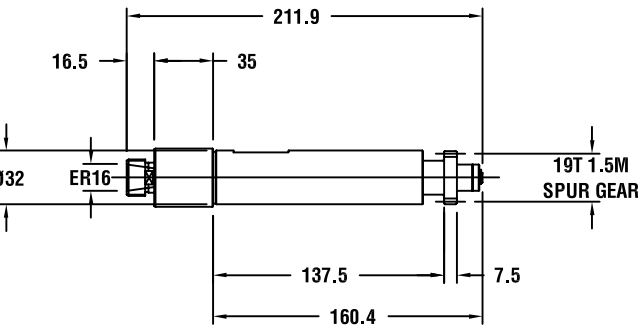


L25, L32 系列机床

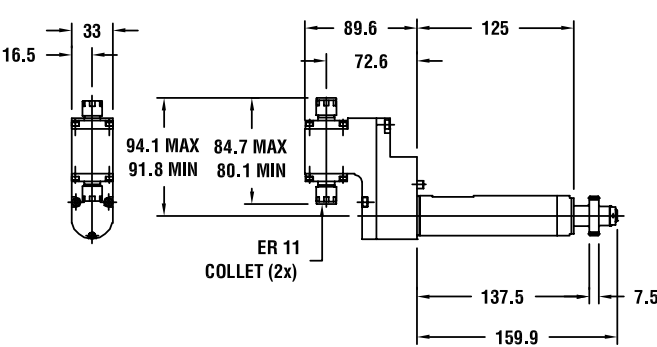
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最高扭矩	最高转速	冷却方式	图纸
000.15183.000	STRAIGHT EXT CLNT DRIVEN TOOL ER16	GSC310BT	ER16	1:1	4 Nm	9500	-	32
000.15181.000	90DEG DOUBLE END DRIVEN TOOL ER11	GSX310BT	ER11	1:1	4 Nm	9500	-	33
000.15291.000	90DEG SLITTING HOLDER 10MM PILOT	GSS310BT	10mm Pilot	1:1	4 Nm	9500	-	34

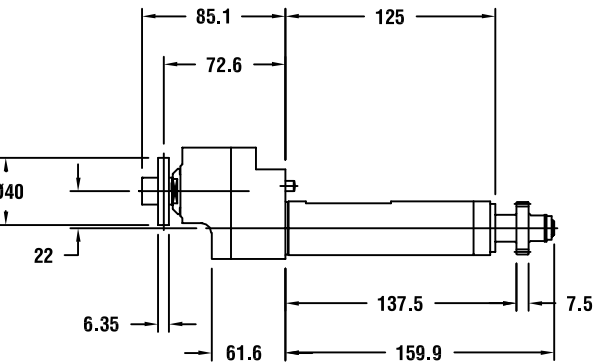
图纸：32
000.15183.000



图纸：33
000.15181.000



图纸：34
000.15291.000



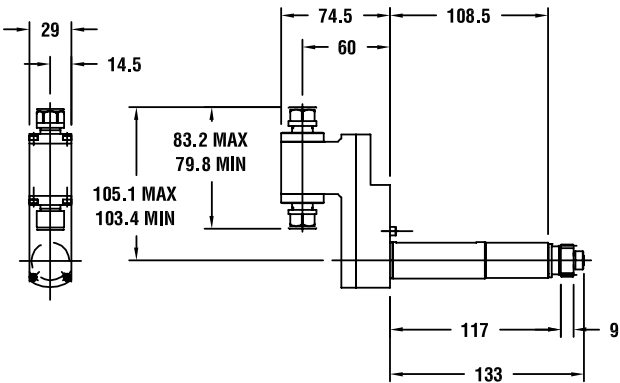


C16 系列机床

动力刀座

订货号	描述	OEM型号	输出方式	输出比	最高扭矩	最高转速	冷却方式	图纸
258.15986.000	90DEG DOUBLE END DRIVEN TOOL 9500RPM	GSE707BT	ER11	1:1	4 Nm	9500	-	35

图纸：35
258.15986.000

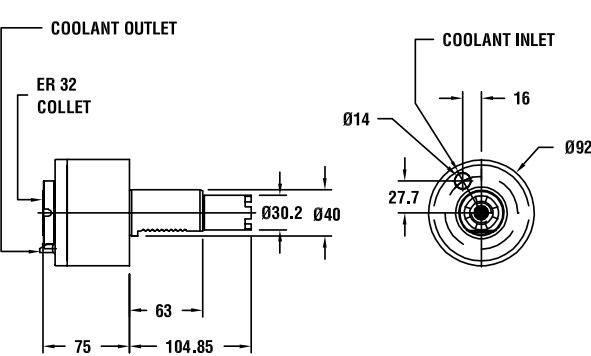


SL20, SL30 – 标准VDI转塔系列机床

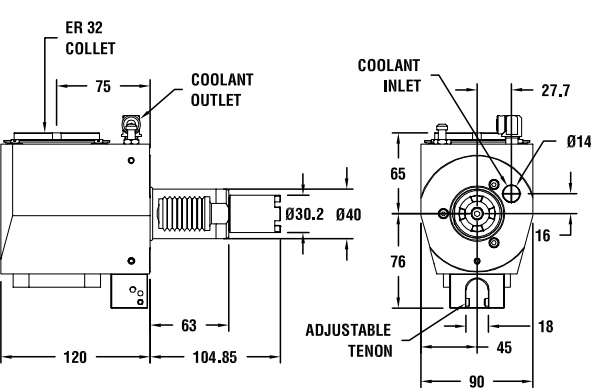
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最高扭矩	最高转速	冷却方式	图纸
59-0083	AXIAL TOOL 40VDI	59-0083	ER32	1:1	65 Nm	4500	外冷却	1
59-0085	RADIAL TOOL 40VDI	59-0085	ER32	1:1	65 Nm	4500	外冷却	2

图纸：1
59-0083



图纸：2
59-0085



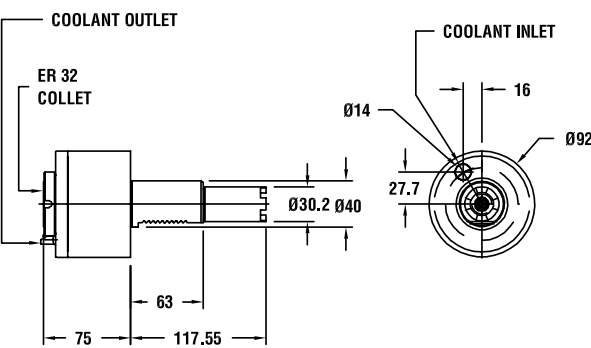
SL20, SL30 - HAAS转塔系列机床*
SL20, SL30, TL15, TL25 - HYBRID转塔系列机床
SL40, ST20, ST30 - 标准VDI转塔系列机床

动力刀座

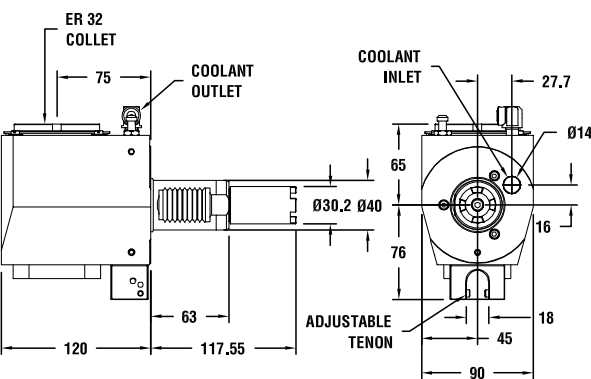
订货号	描述	OEM型号	输出方式	输出比	最高扭矩	最高转速	冷却方式	图纸
59-0082	AXIAL TOOL 40VDI	59-0082	ER32	1:1	65 Nm	4500	外冷却	3
59-0084	RADIAL TOOL 40VDI	59-0084	ER32	1:1	65 Nm	4500	外冷却	4
371.15859.000	HAAS ADAPTER PLATE-VDI40 TO HAAS TURRET	-	-	-	-	-	-	-

*备注：HAAS转塔机床所要求的转换套对应订货号371.15859.000

图纸：3
59-0082



图纸：4
59-0084





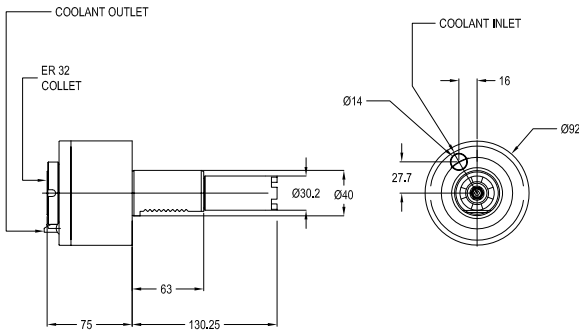
SL40 – HYBRID & HAAS 转塔系列机床*

动力刀座

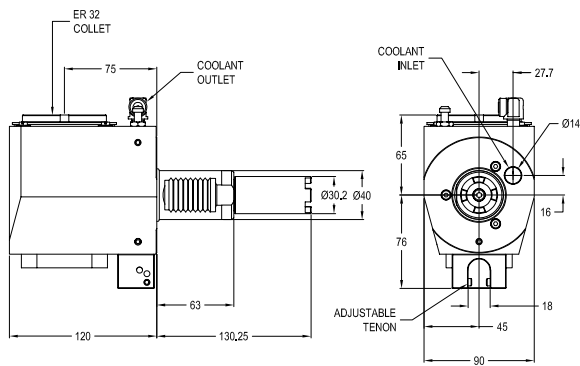
订货号	描述	OEM型号	输出方式	输出比	最高扭矩	最高转速	冷却方式	图纸
59-6352	AXIAL TOOL 40VDI	59-6352	ER32	1:1	65 Nm	4500	外冷却	5
59-6353	RADIAL TOOL 40VDI	59-6353	ER32	1:1	65 Nm	4500	外冷却	6
371.15859.000	HAAS ADAPTER PLATE-VDI40 TO HAAS TURRET	-	-	-	-	-	-	-

*备注：HAAS转塔机床所要求的转换套对应订货号371.15859.000

图纸：5
59-6352



图纸：6
59-6353



固定刀座

订货号	描述	图纸
B2-40X1.000X44	1" TURNING TOOL HLDR L/H SHORT	-
B2-40X25X44	25MM TURNING TOOL HLDR L/H SHORT	-
B6-40X1.000X44	1" TURNING TOOL HLDR L/H LONG	-
B6-40X25X44	25MM TURNING TOOL HLDR L/H LONG	-
E2-40X1.250	BORING BAR HOLDER 1-1/4"	-
E2-40X20	BORING BAR HOLDER 20MM	-
E2-40X25	BORING BAR HOLDER 25MM	-
E2-40X30	BORING BAR HOLDER 30MM	-
E2-40X32	BORING BAR HOLDER 32MM	-
E2-40X40	BORING BAR HOLDER 40MM	-
Z2-40S	TURRET PLUG -STEEL	-
VDI THKIT	VDI STARTUP KIT INCLUDES: (2) B2-40X1.000X44 (1) B6-40X1.000X44 (3) E2-40X1.250 (2) Z2-40S	-
VDI THKIT-M	METRIC VDI STARTUP KIT INCLUDES: (2) B2-40X25X44 (1) B6-40X25X44 (3) E2-40X32 (2) Z2-40S	-

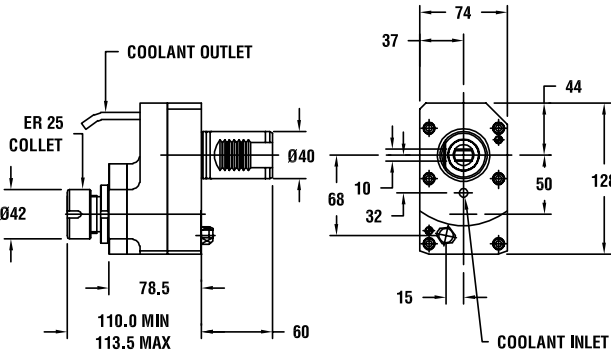


MP410, MP610, MP615, MP6100系列机床
MP620, MP625, MP6200, MP6250 – 16刀座的转塔系列机床
HYPER QUADREX 150MSY机床

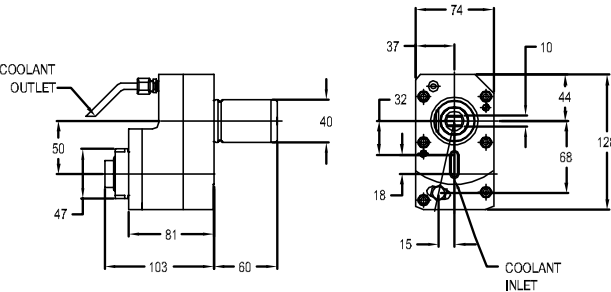
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最高扭矩	最高转速	冷却方式	图纸
319.15681.000	V-SHIFT SUPAMIL M/D ER25 6000RPM	53178000100 - 53568005100	ER25	1:1	63 Nm	6000	外冷却	1
319.15676.000	REPLACED BY 319.15681.000	53178000300	-	-	-	-	-	-
319.15679.000	V-SHIFT PREC/ADJ T/COOL M/D ER25 6000RPM		ER25	1:1	63 Nm	6000	内冷却	2
319.15660.000	H-90DEG SUPAMIL M/D ER25 6000RPM	53178000200 - 53568005000	ER25	1:1	63 Nm	6000	外冷却	3
319.15661.000	REPLACED BY 319.15660.000	53178000400	-	-	-	-	-	-
319.15680.000	H-90DEG PREC/ADJ T/COOL M/D ER25 6000RPM		ER25	1:1	63 Nm	6000	内冷却	4

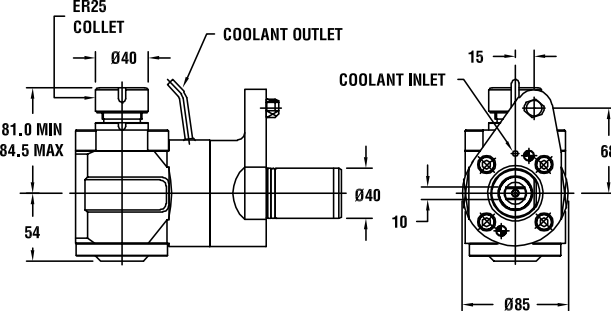
图纸：1
319.15681.000



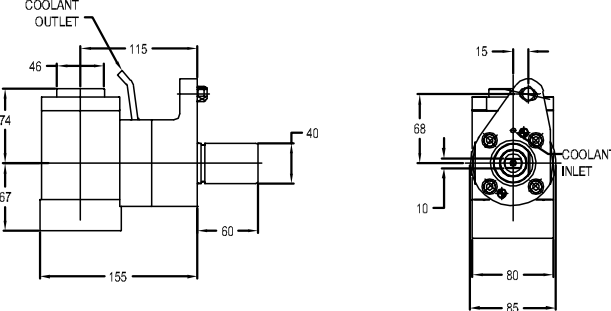
图纸：2
319.15679.000



图纸：3
319.15660.000



图纸：4
319.15680.000



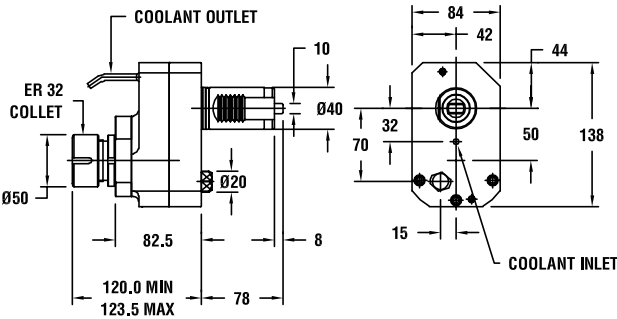


MP420, MP620, MP625, MP6200, MP6250 - 12刀座的转塔系列机床

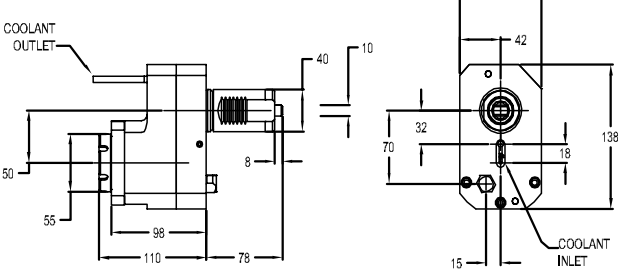
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最大扭矩	最高转速	冷却方式	图纸
309.15682.000	V-SHIFT 12ST-T SUPAMIL M/D ER32 6000RPM	53278000101	ER32	1:1	63 Nm	6000	外冷却	5
309.15673.000	REPLACED BY 309.15682.000	53278000301	-	-	-	-	-	-
309.15089.000	V-SHIFT 12ST-T T/COOL M/D ER32 6000RPM		ER32	1:1	63 Nm	6000	内冷却	6
309.15663.000	H-90DEG 12ST-T SUPAMIL M/D ER32 6000RPM	53278000201	ER32	1:1	63 Nm	6000	外冷却	7
309.15668.000	REPLACED BY 309.15663.000	53278000401	-	-	-	-	-	-
309.15088.000	H-90DEG 12ST-T T/COOL M/D ER32 6000RPM		ER32	1:1	63 Nm	6000	内冷却	8

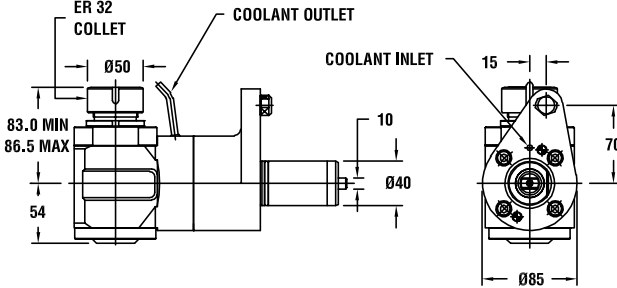
图纸：5
309.15682.000



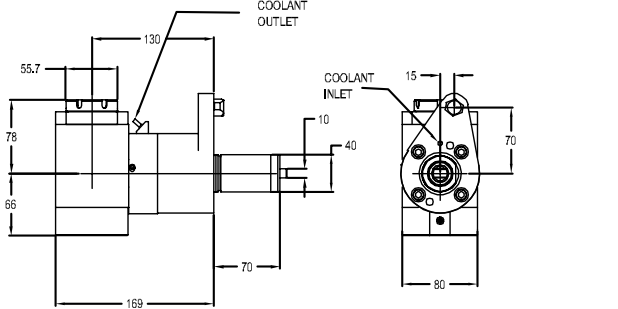
图纸：6
309.15089.000



图纸：7
309.15663.000



图纸：8
309.15088.000

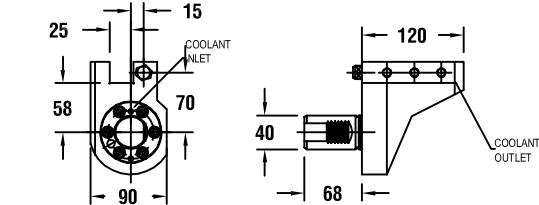


MP420, MP620, MP625, MP6200, MP6250 - 12刀座的转塔系列机床

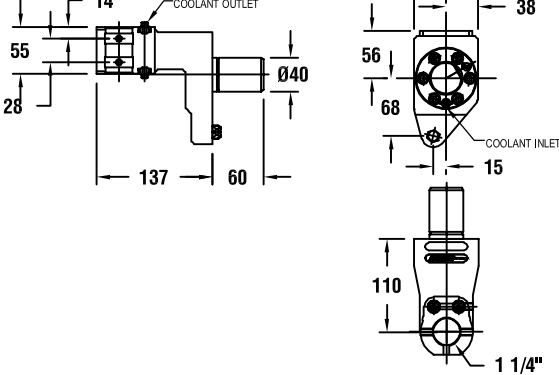
固定刀座

订货号	描述	图纸
53478000200	FWD (R/H) TURNING TOOL HLDR 25MM X 25MM	9
53478005200	FWD (R/H) TURNING TOOL HLDR 1" X 1"	10
53478000100	REV (L/H) TURNING TOOL HLDR 25MM X 25MM	11
53478005100	REV (L/H) TURNING TOOL HLDR 1" X 1"	12
53478000500	FACING TOOL HLDR 25MM X 25MM	13
53478005500	FACING TOOL HLDR 1" X 1"	14
53478000900	CUT-OFF HLDR (R/H) FWD	15
53478000400	BORING BAR HLDR 25MM (MP620)	16
53178002100	BORING BAR HLDR 40MM (MP620)	17
53478005400	BORING BAR HLDR 1" (MP620)	18
53478005300	BORING BAR HLDR 1-1/2" (MP620)	19
53178002200	U' DRILL HLDR 40MM (MP620)	20
53478000700	USE 53178002200 - DIRECT REPLACEMENT	-
53578005700	USE 53578000701 - DIRECT REPLACEMENT	-
53478000801	TURRET CAP	21

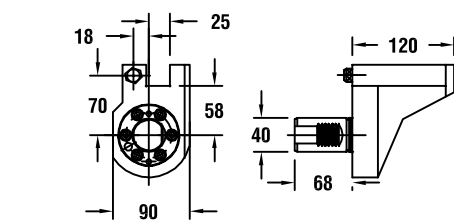
图纸：9
53478000200



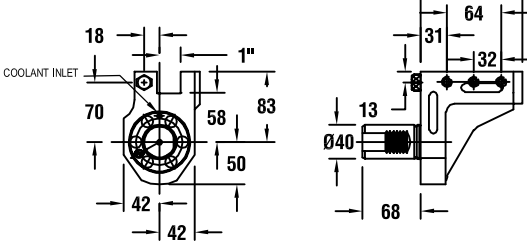
图纸：10
53478005200



图纸：11
53478000100

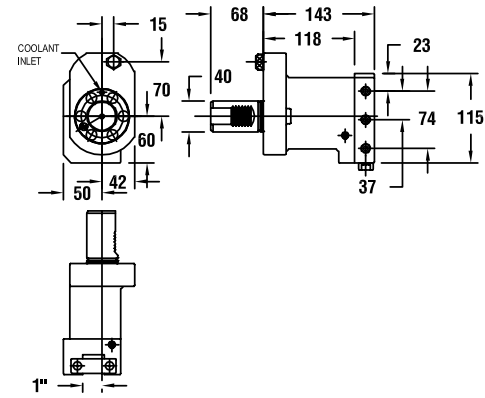


图纸：12
53478005100

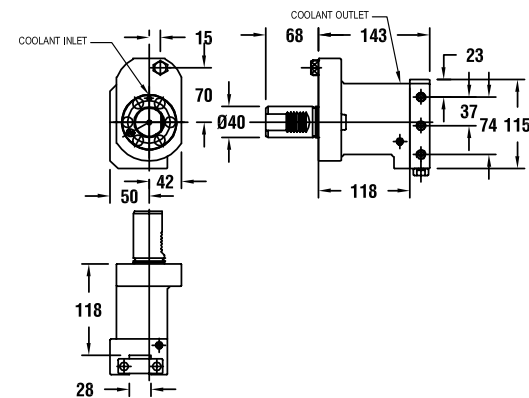




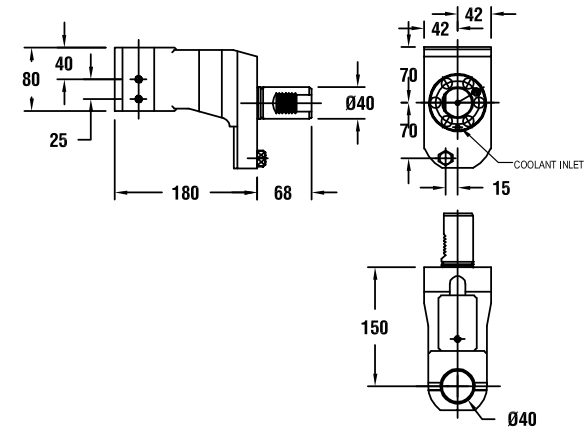
图纸：13
53478000500



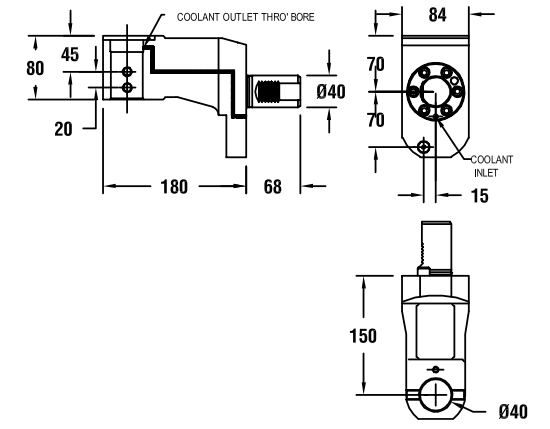
图纸：14
53478005500



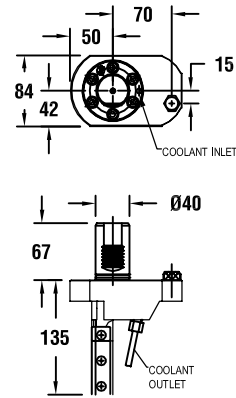
图纸：19
53478005300



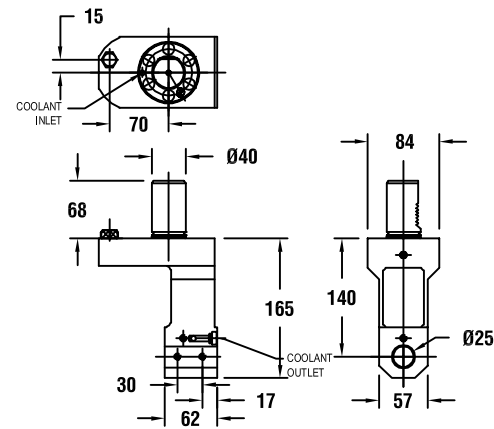
图纸：20
53478002200



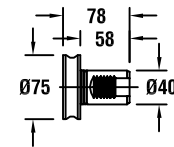
图纸：15
53478000900



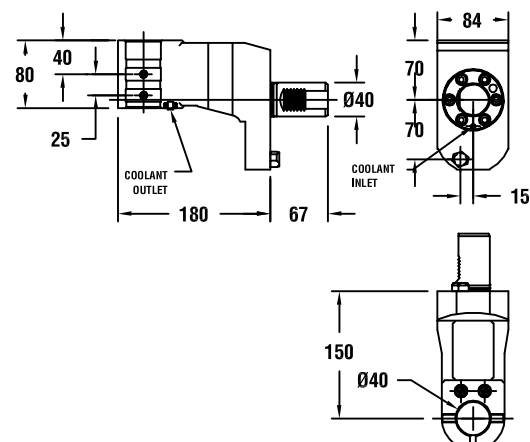
图纸：16
53478000400



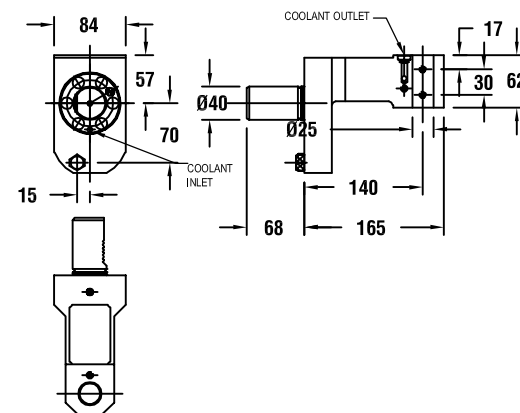
图纸：21
53478000801



图纸：17
53478002100



图纸：18
53478005400



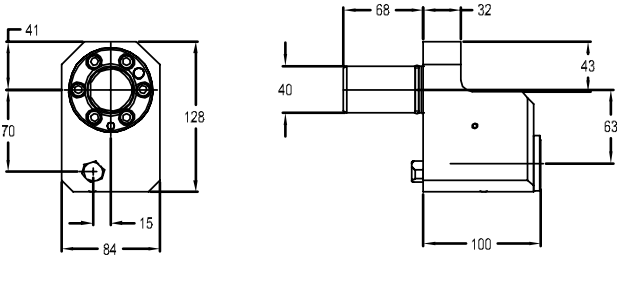


MP420, MP620, MP625, MP6200, MP6250 - 12刀座的转塔系列机床

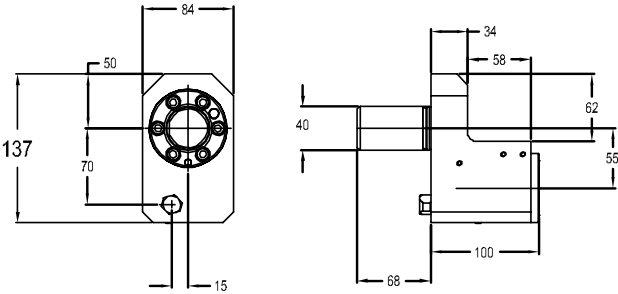
CAPTO固定刀座

订货号	描述	图纸
C4-LCE-MZ6200-063100M	C4-EXTERNAL L/H REVERSE TOOL HLDR	22
C4-RCE-MZ6200-063100M	C4 EXTERNAL R/H REVERSE TOOL HLDR	22
C5-LCE-MZ6200-055100M	C5-EXTERNAL L/H REVERSE TOOL HLDR	23
C5-RCE-MZ6200-055100M	C5-EXTERNAL R/H REVERSE TOOL HLDR	23
C4-LCI-MZ6200-150018M	C4-INTERNAL L/H REVERSE TOOL HLDR	24
C4-RCI-MZ6200-150018M	C4-INTERNAL R/H REVERSE TOOL HLDR	24

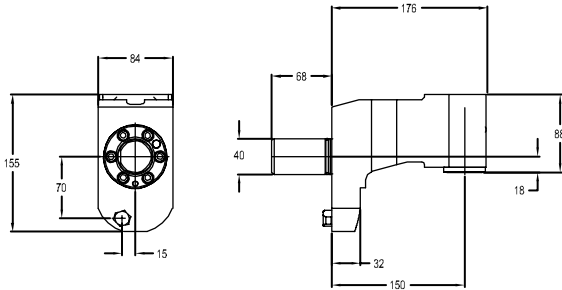
图纸：22
C4-L/RCE-MZ6200-063100M



图纸：23
C5-L/RCE-MZ6200-055100M



图纸：24
C4-L/RCI-MZ6200-150018M



MP420, MP620, MP625, MP6200, MP6250 - 12刀座的转塔系列机床

衬套

订货号	描述
53418001602	BORING BAR SOCKET 40MM X 32MM
53418001702	BORING BAR SOCKET 40MM X 25MM
53418001802	BORING BAR SOCKET 40MM X 20MM
53418001902	BORING BAR SOCKET 40MM X 16MM
53418002002	BORING BAR SOCKET 40MM X 12MM
53418002102	BORING BAR SOCKET 40MM X 10MM
53418002202	BORING BAR SOCKET 40MM X 8MM
53418003100	DRILL SOCKET 40MM X 3MT
53418003200	DRILL SOCKET 40MM X 2MT
53418003300	DRILL SOCKET 40MM X 1MT
53418003401	U' DRILL SOCKET 40MM X 32MM
53418003501	U' DRILL SOCKET 40MM X 25MM
53418003601	U' DRILL SOCKET 40MM X 20MM
53418011602	BORING BAR SOCKET 1-1/2" X 1-1/4"
53418011702	BORING BAR SOCKET 1-1/2" X 1"
53418011802	BORING BAR SOCKET 1-1/2" X 3/4"
53418011902	BORING BAR SOCKET 1-1/2" X 5/8"
53418012002	BORING BAR SOCKET 1-1/2" X 1/2"
53418012102	BORING BAR SOCKET 1-1/2" X 3/8"
53418012202	BORING BAR SOCKET 1-1/2" X 5/16"
53418013100	DRILL SOCKET 1-1/2" X 3MT
53418013200	DRILL SOCKET 1-1/2" X 2MT
53418013300	DRILL SOCKET 1-1/2" X 1MT
53448001600	USE 53468001300 - DIRECT REPLACEMENT
53448001700	USE 53468001400 - DIRECT REPLACEMENT
53448001800	USE 53468001500 - DIRECT REPLACEMENT
53448001900	USE 53468001600 - DIRECT REPLACEMENT
53448002000	USE 53468001700 - DIRECT REPLACEMENT
53448002100	DRILL SOCKET 25MM X 1 MT
53448002200	DRILL SOCKET 25MM X 2 MT
53448011600	USE 53468006300 - DIRECT REPLACEMENT
53448011700	USE 53468006400 - DIRECT REPLACEMENT
53448011800	USE 53468006500 - DIRECT REPLACEMENT
53448011900	USE 53468006600 - DIRECT REPLACEMENT
53448012000	USE 53468006700 - DIRECT REPLACEMENT
53468001300	BORING BAR SOCKET 25MM X 8MM
53468001400	BORING BAR SOCKET 25MM X 10MM
53468001500	BORING BAR SOCKET 25MM X 12MM
53468001600	BORING BAR SOCKET 25MM X 16MM
53468001700	BORING BAR SOCKET 25MM X 20MM
53468006300	BORING BAR SOCKET 1" X 5/16"
53468006400	BORING BAR SOCKET 1" X 3/8"
53468006500	BORING BAR SOCKET 1" X 1/2"
53468006600	BORING BAR SOCKET 1" X 5/8"
53468006700	BORING BAR SOCKET 1" X 3/4"

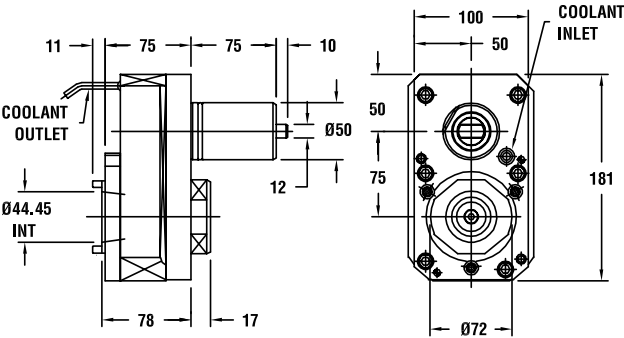


MP630, MP6300, MP430, MP4300系列机床

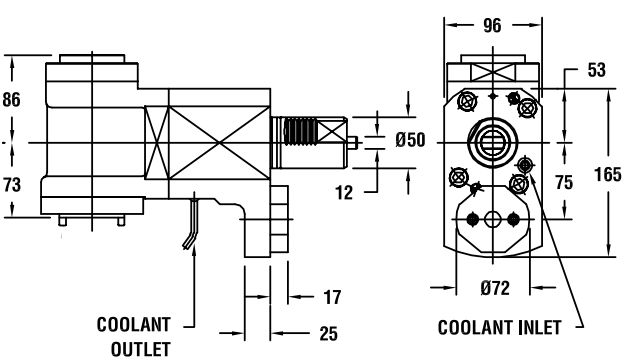
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最高扭矩	最高转速	冷却方式	图纸
198.15829.000	V-SHIFT M/D DIN40M 4000RPM	53288001600 - 53488010102	DIN40 TAPER	1:1	100 Nm	4000	外冷却	25
198.15833.000	V-SHIFT M/D CAT40 4000RPM	53288001700 - 53488020102	CAT40 TAPER	1:1	100 Mn	4000	外冷却	25
198.15830.000	H-90DEG M/D DIN40M 4000RPM	53288000100 - 53488010202	DIN40 TAPER	1:1	100 Nm	4000	外冷却	26
198.15834.000	H-90DEG M/D CAT40 4000RPM	53288000200 - 53488020202	CAT40 TAPER	1:1	100 Nm	4000	外冷却	26
198.14021.000	H-90DEG T/COOL M/D ER40 4000RPM		ER40	1:1	100 Nm	4000	内冷却	27

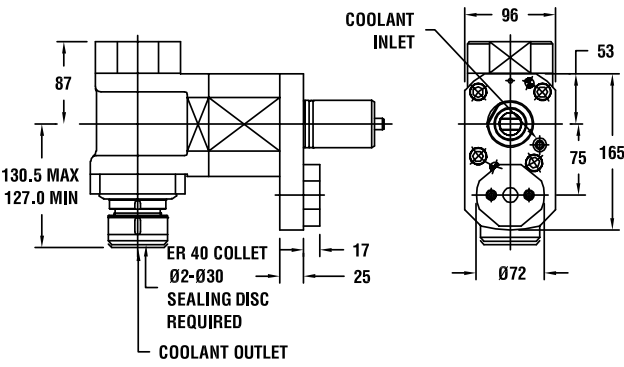
图纸：25
198.15833.000



图纸：26
198.15834.000



图纸：27
198.14021.000

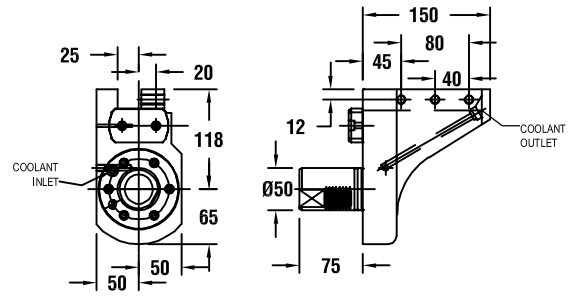


MP630, MP6300, MP430, MP4300系列机床

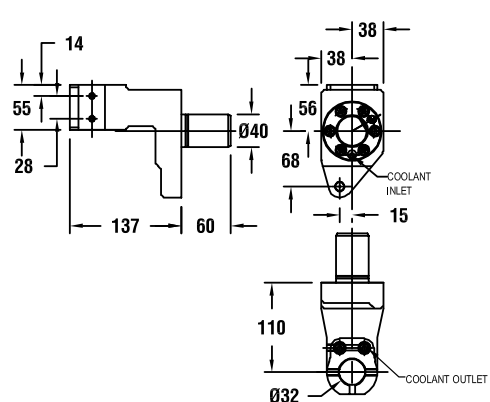
固定刀座

订货号	描述	图纸
53488001101	FWD (R/H) TURNING TOOL HLDR 25MM X 25MM	28
53488006101	FWD (R/H) TURNING TOOL HLDR 1" X 1"	29
53488001001	REV (L/H) TURNING TOOL HLDR 25MM X 25MM	30
53488006001	REV (L/H) TURNING TOOL HLDR 1" X 1"	31
53488001401	FACING TOOL HLDR 25MM X 25MM	32
53488006401	FACING TOOL HLDR 1" X 1"	33
53488001601	CUT-OFF HLDR	34
53488001201	BORING BAR HLDR 50MM	35
53488001301	BORING BAR HLDR 32MM	36
53488006201	BORING BAR HLDR 2"	37
53488006301	BORING BAR HLDR 1-1/4"	38
53488001801	U' DRILL HLDR 40MM	39
53488001700	TURRET CAP	40

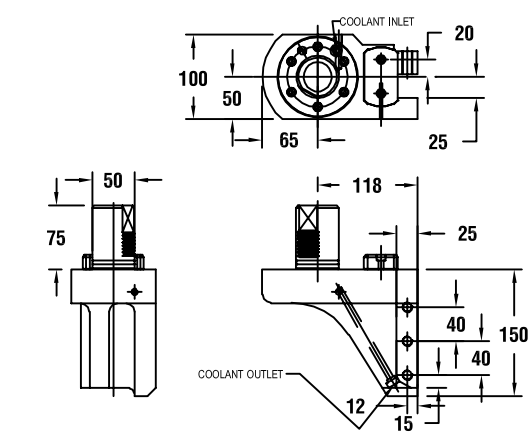
图纸：28
53488001101



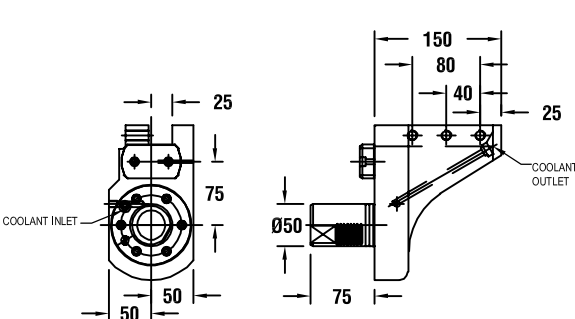
图纸：29
53488006101



图纸：30
53488001001

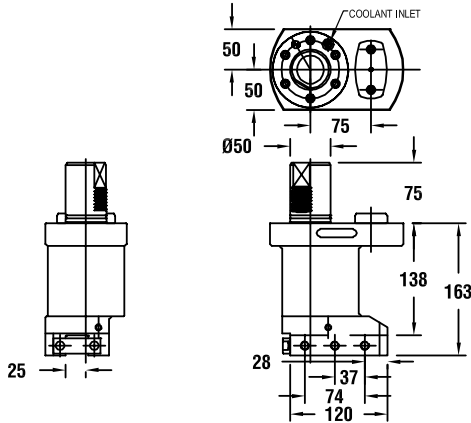


图纸：31
53488006001

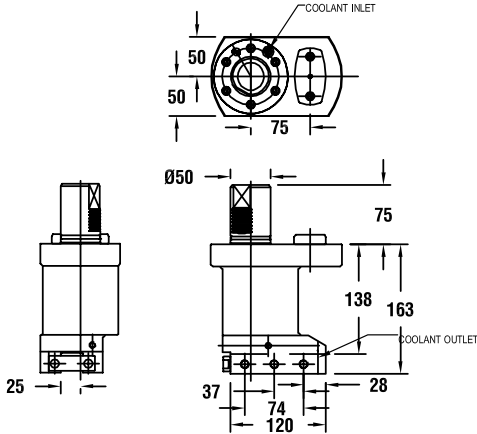




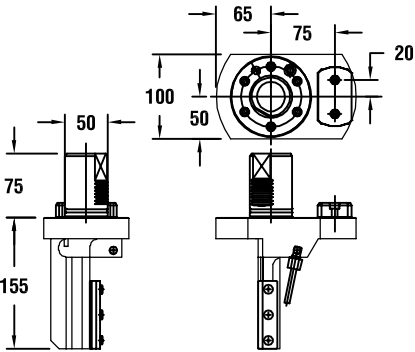
图纸：32
53488001401



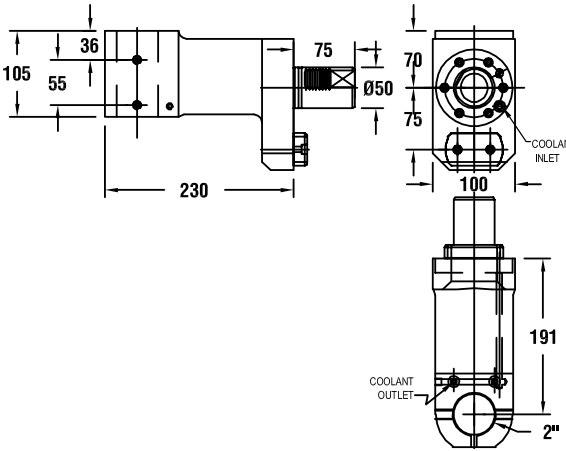
图纸：33
53488006401



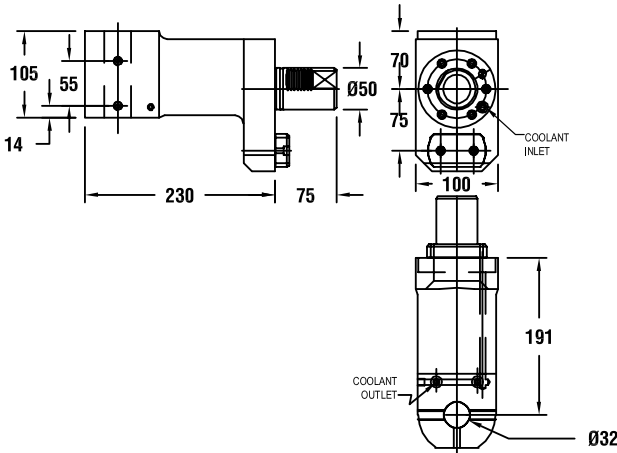
图纸：34
53488001601



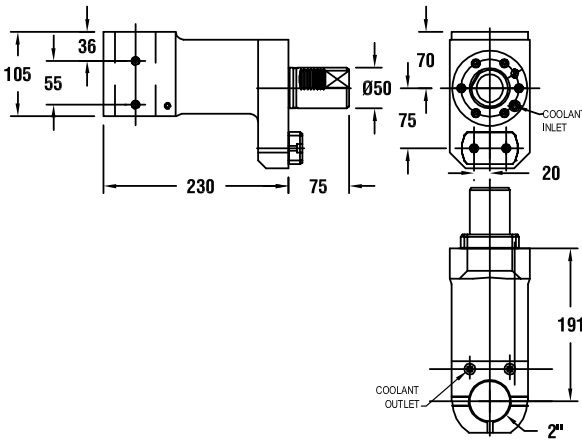
图纸：35
53488001201



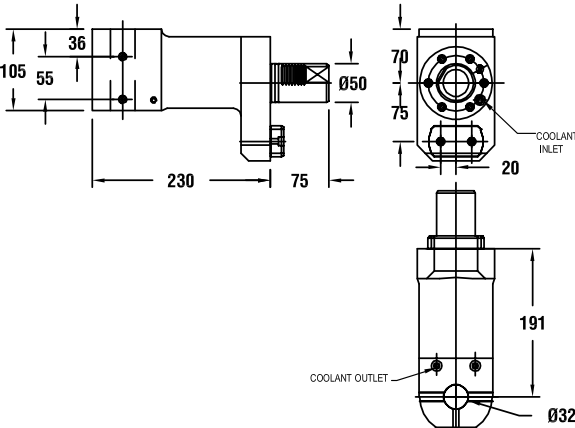
图纸：36
53488001301



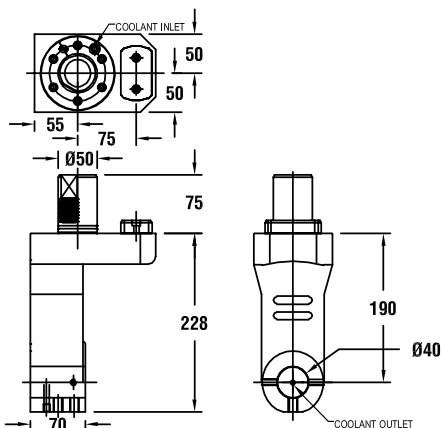
图纸：37
53488006201



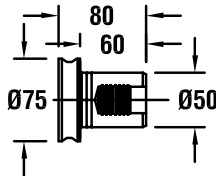
图纸：38
53488006301



图纸：39
53488001801



图纸：40
53488001700

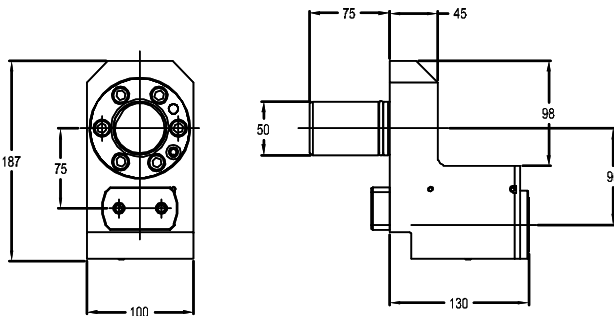


MP630, MP6300, MP430, MP4300系列机床

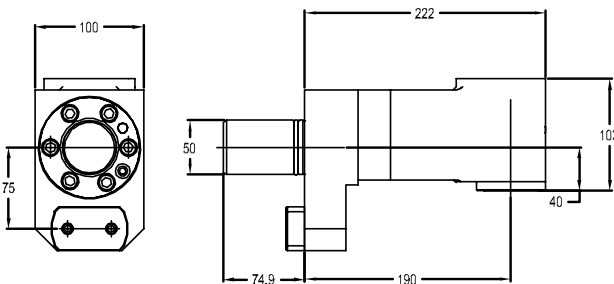
CAPTO固定刀座

订货号	描述	图纸
C5-LCE-MZ630-090130M	C5-EXTERNAL L/H REVERSE TOOL HLDR	41
C5-RCE-MZ630-090130M	C5-EXTERNAL R/H REVERSE TOOL HLDR	41
C5-LCI-MZ630-190040M	C5-INTERNAL L/H REVERSE TOOL HLDR	42
C5-RCI-MZ630-190040M	C5-INTERNAL R/H REVERSE TOOL HLDR	42

图纸：41
C5-L/RCE-MZ630-090130M



图纸：42
C5-L/RCI-MZ630-190040M





MP630, MP6300, MP430, MP4300系列机床

衬套

订货号	描述
51488001300	BORING BAR SOCKET 50MM X 20MM
51488001400	BORING BAR SOCKET 50MM X 16MM
51488001600	BORING BAR SOCKET 50MM X 12MM
51488001700	BORING BAR SOCKET 2" X 7/8"
51488001800	BORING BAR SOCKET 2" X 3/4"
51488001900	BORING BAR SOCKET 2" X 5/8"
51488002100	BORING BAR SOCKET 2" X 1/2"
53418003401	U' DRILL SOCKET 40MM X 32MM
53418003501	U' DRILL SOCKET 40MM X 25MM
53418003601	U' DRILL SOCKET 40MM X 20MM
53428000200	BORING BAR SOCKET 50MM X 40MM
53428000400	BORING BAR SOCKET 50MM X 32MM
53428000500	BORING BAR SOCKET 50MM X 25MM
53428001500	DRILL SOCKET 50MM X 4MT
53428001600	DRILL SOCKET 50MM X 3MT
53428001700	DRILL SOCKET 50MM X 2MT
53428001900	BORING BAR SOCKET 2" X 1-3/4"
53428002000	BORING BAR SOCKET 2" X 1-1/2"
53428002100	BORING BAR SOCKET 2" X 1-1/4"
53428002200	BORING BAR SOCKET 2" X 1"
53428003100	DRILL SOCKET 2" X 4MT
53428003200	DRILL SOCKET 2" X 3MT
53428003300	DRILL SOCKET 2" X 2MT
53518002000	BORING BAR SOCKET 32MM X 25MM
53518002100	BORING BAR SOCKET 32MM X 20MM
53518002200	BORING BAR SOCKET 32MM X 16MM
53518002300	BORING BAR SOCKET 32MM X 12MM
53518002400	BORING BAR SOCKET 32MM X 10MM
53518002500	BORING BAR SOCKET 32MM X 8MM
53518003000	DRILL SOCKET 32MM X 1MT
53518003100	DRILL SOCKET 32MM X 2MT
53518003200	U DRILL SOCKET 32MM X 25MM
53518003300	U DRILL SOCKET 32MM X 20MM
53518012000	BORING BAR SOCKET 1-1/4" X 1"
53518012100	BORING BAR SOCKET 1-1/4" x 3/4"
53518012200	BORING BAR SOCKET 1-1/4" x 5/8"
53518012300	BORING BAR SOCKET 1-1/4" x 1/2"
53518012400	BORING BAR SOCKET 1-1/4" x 3/8"
53518012500	BORING BAR SOCKET 1-1/4" X 5/16"
53518013000	DRILL SOCKET 1-1/4" X 1MT
53518013100	DRILL SOCKET 1-1/4" X 2MT



QTN NEXUS 100, SQT 10, SQT 100 - 12刀座的转塔系列机床

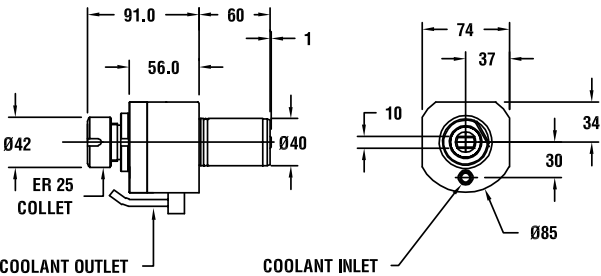
SQT 15, SQT 18, SQT 200, SQT 250 - 16刀座的转塔系列机床

动力刀座

订货号	描述	OEM型号	输出方式	输出比	最高扭矩	最高转速	冷却方式	图纸
197.13668.000	V-STRAIGHT M/D ER25 6000RPM	53528010202	ER25	1:1	63 Nm	6000	外冷却	43
191.15683.000	V-SHIFT SUPAMIL M/D ER25 6000RPM	53528010702 - 53108020100	ER25	1:1	63 Nm	6000	外冷却	44
191.15684.000	REPLACED BY 191.15683.000	53248030200	-	-	-	-	-	-
191.15666.000	H-90DEG SUPAMIL M/D ER25 6000RPM	53108020200 - 53528010102	ER25	1:1	63 Nm	6000	外冷却	45
191.15667.000	REPLACED BY 191.15666.000	53248030300	-	-	-	-	-	-
197.14087.000	H-90DEG 1:1 RATIO BACK M/D ER25	53548010301 - 53108020300	ER25	1:1	63 Nm	6000	外冷却	46
197.14208.000	REPLACED BY 191.14803.000		-	-	-	-	-	-
191.14803.000	H-90DEG DOUBLE END M/D ER25 4500RPM		ER25	1:1	63 Nm	4500	外冷却	47

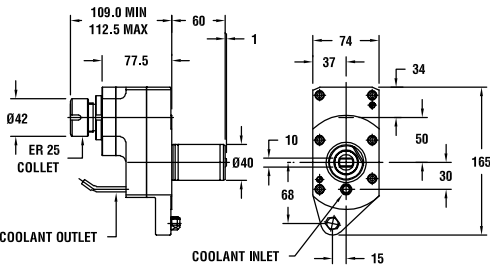
图纸：43

197.13668.000



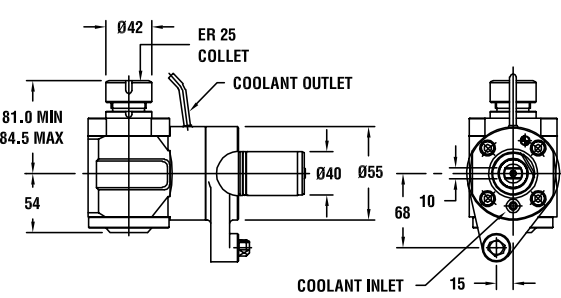
图纸：44

191.15683.000



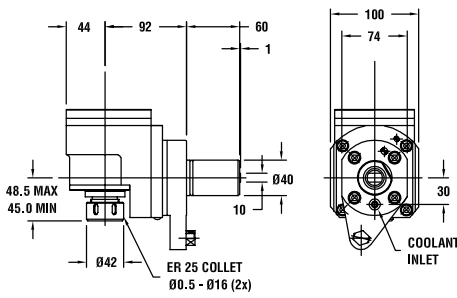
图纸：45

191.15666.000



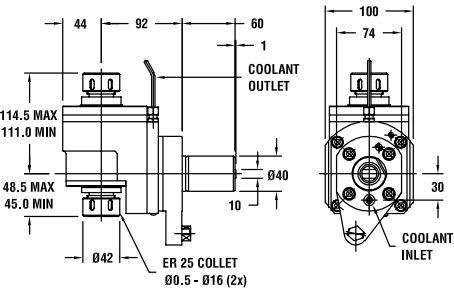
图纸：46

197.14087.000



图纸：47

191.14803.000

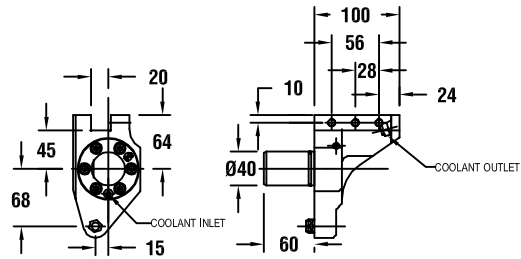




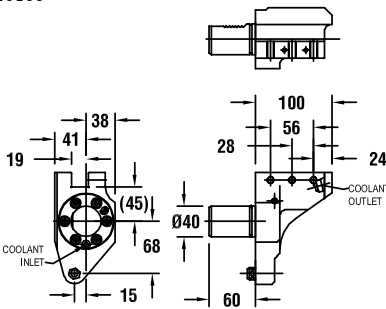
QTN NEXUS 100, SQT 10, SQT 100 - 12刀座的转塔系列机床
SQT 15, SQT 18, SQT 200, SQT 250 - 16刀座的转塔系列机床
固定刀座

订货号	描述	图纸
53518000101	FWD (R/H) TURNING TOOL HLDR 20MM X 20MM	48
53518010100	FWD (R/H) TURNING TOOL HLDR 3/4" X 3/4"	49
53518000701	REV (L/H) TURNING TOOL HLDR 20MM X 20MM	50
53518010700	REV (L/H) TURNING TOOL HLDR 3/4" X 3/4"	51
53538000101	DOUBLE TURNING TOOL HLDR 20MM X 20MM	52
53538010100	DOUBLE TURNING TOOL HLDR 3/4" X 3/4"	53
53518000301	FACING TOOL HLDR 20MM X 20MM	54
53518010300	FACING TOOL HLDR 3/4" X 3/4"	55
53518000401	CUT-OFF HLDR	56
53518000201	BORING BAR HLDR 32MM	57
53108005100	USE 53518000201 - DIRECT REPLACEMENT	-
53518010200	BORING BAR HLDR 1-1/4"	58
53538000201	DOUBLE BORING BAR HLDR 2 X 20MM	59
53538010200	DOUBLE BORING BAR HLDR 2 X 3/4"	60
53518000501	U" DRILL HLDR 32MM	61
53518010500	USE 53518000501 - DIRECT REPLACEMENT	-
53108005200	USE 53518000501 - DIRECT REPLACEMENT	-
53518000600	TURRET CAP	62

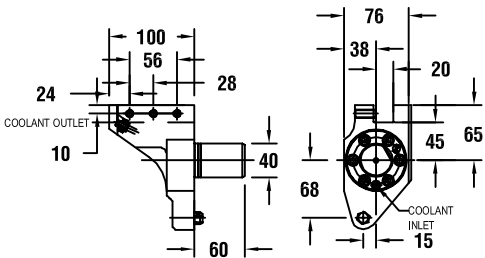
图纸：48
53518000101



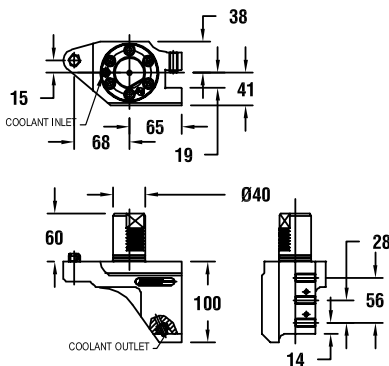
图纸：49
53518010100



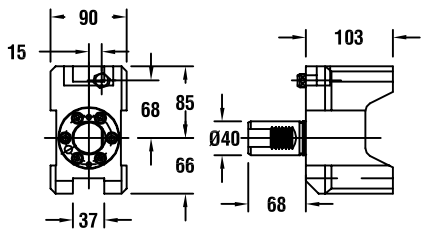
图纸：50
53519000701



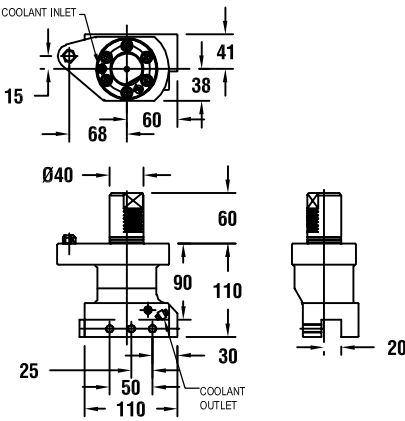
图纸：51
53518010700



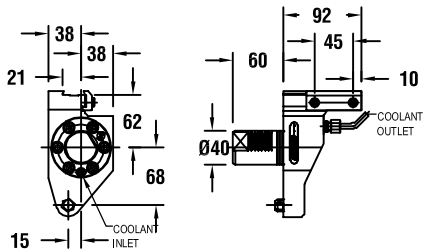
图纸：52
53538000101



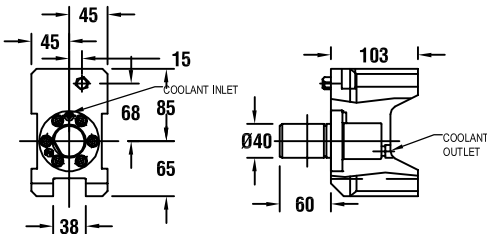
图纸：54
53518000301



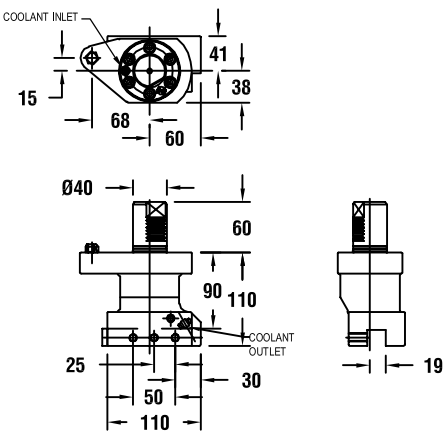
图纸：56
53518000401



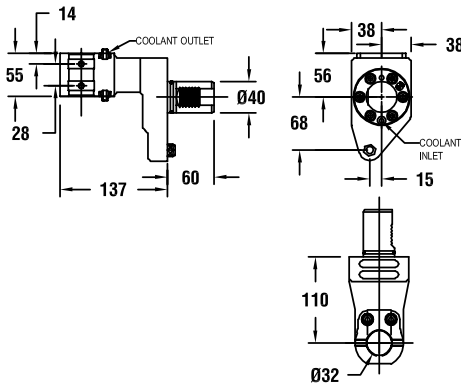
图纸：53
53518010100



图纸：55
53518010300

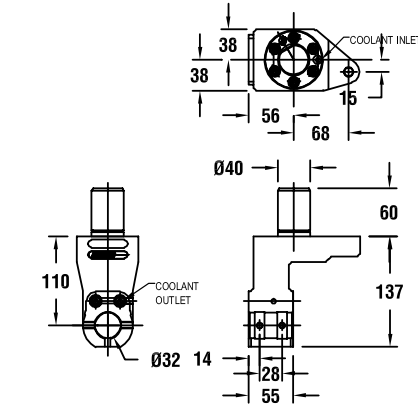


图纸：57
53518000201

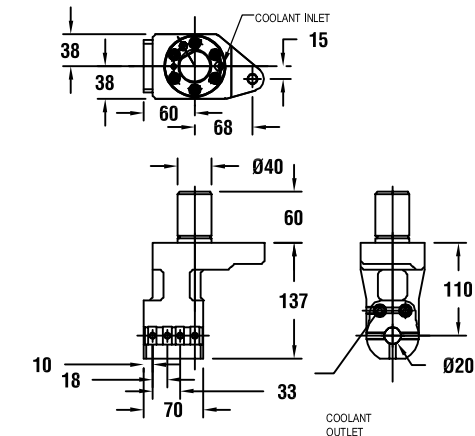




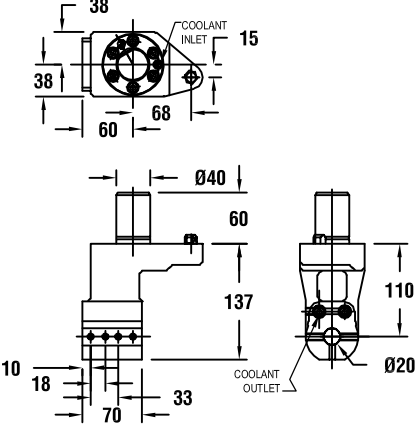
图纸：58
53538010200



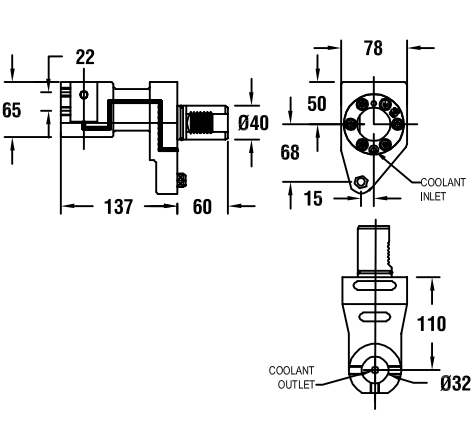
图纸：59
53538000201



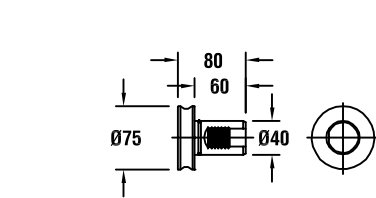
图纸：60
53518010200



图纸：61
53518000501



图纸：62
53518000600

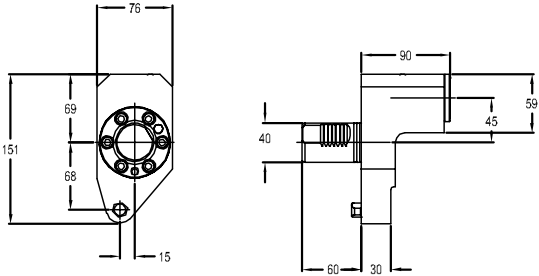


QTN NEXUS 100, SQT 10, SQT 100 - 12刀座的转塔系列机床
SQT 15, SQT 18, SQT 200, SQT 250 - 16刀座的转塔系列机床

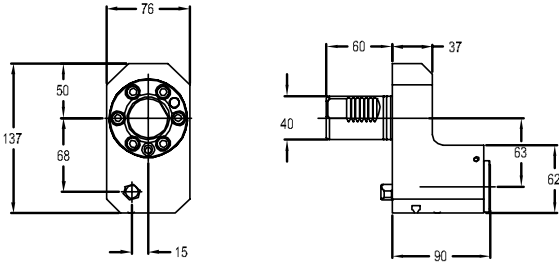
CAPTO固定刀座

订货号	描述	图纸
C4-LCE-SQT10-045090M	C4-EXTERNAL L/H REVERSE TOOL HLDR	63
C4-RCE-SQT10-045090M	C4-EXTERNAL R/H REVERSE TOOL HLDR	63
C4-LCE-SQT10-063090MSS	C4-EXTERNAL L/H REVERSE TOOL HLDR	64
C4-RCE-SQT10-063090MSS	C4-EXTERNAL L/H REVERSE TOOL HLDR	64
C4-LCE-SQT10-000090MDT	C4-DBL EXT L/H FOR/REV TOOL HLDR	65
C4-RCE-SQT10-000090MDT	C4-DBL EXT R/H FOR/REV TOOL HLDR	65
C4-LCI-SQT10-110061M	C4-INTERNAL L/H FORWARD TOOL HLDR	66
C4-RCI-SQT10-110061M	C4-INTERNAL R/H FORWARD TOOL HOLDER	66
C4-LCI-SQT10-110015MSS	C4-INTERNAL L/H REVERSE TOOL HOLDER	67
C4-RCI-SQT10-110015MSS	C4-INTERNAL R/H REVERSE TOOL HOLDER	67

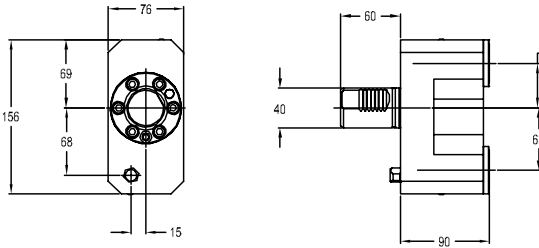
图纸：63
C4-L/RCE-SQT10-045090M



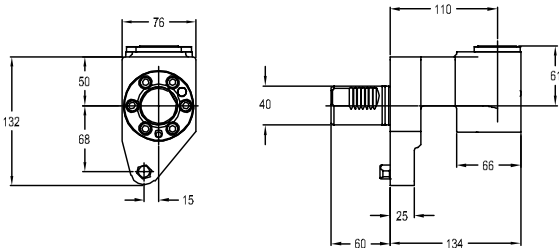
图纸：64
C4-L/RCE-SQT10-063090MSS



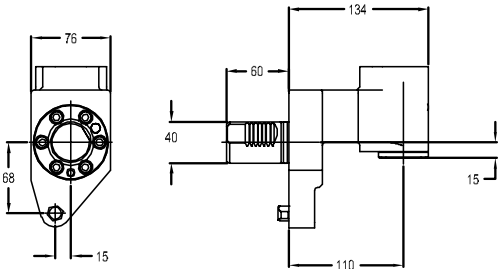
图纸：65
C4-L/RCE-SQT10-000090MDT



图纸：66
C4-L/RCI-SQT10-110061M



图纸：67
C4-L/RCI-SQT10-110015MSS





QTN NEXUS 100, SQT 10, SQT 100 - 12刀座的转塔系列机床
SQT 15, SQT 18, SQT 200, SQT 250 - 16刀座的转塔系列机床

衬套

订货号	描述
53178010100	BORING BAR SOCKET 40MM X 32MM
53178010200	BORING BAR SOCKET 40MM X 25MM
53178010300	BORING BAR SOCKET 40MM X 20MM
53178010400	BORING BAR SOCKET 40MM X 16MM
53178010500	BORING BAR SOCKET 40MM X 12MM
53178010600	BORING BAR SOCKET 40MM X 10MM
53178010700	BORING BAR SOCKET 40MM X 8MM
53178012100	BORING BAR SOCKET 32MM X 25MM
53178012200	BORING BAR SOCKET 32MM X 20MM
53178012300	BORING BAR SOCKET 32MM X 16MM
53178012400	BORING BAR SOCKET 32MM X 12MM
53178012500	BORING BAR SOCKET 32MM X 10MM
53178012600	BORING BAR SOCKET 32MM X 8MM
53208001000	U' DRILL SOCKET 40MM X 20MM
53208001100	U' DRILL SOCKET 40MM X 25MM
53208001200	U' DRILL SOCKET 40MM X 32MM
53418003100	DRILL SOCKET 40MM X 3MT
53418003200	DRILL SOCKET 40MM X 2MT
53418003300	DRILL SOCKET 40MM X 1MT
53518003000	DRILL SOCKET 32MM X 1MT
53518003100	DRILL SOCKET 32MM X 2MT
53518003200	U DRILL SOCKET 32MM X 25MM
53518003300	U DRILL SOCKET 32MM X 20MM
53518012000	BORING BAR SOCKET 1-1/4" X 1"
53518012100	BORING BAR SOCKET 1-1/4" x 3/4"
53518012200	BORING BAR SOCKET 1-1/4" x 5/8"
53518012300	BORING BAR SOCKET 1-1/4" x 1/2"
53518012400	BORING BAR SOCKET 1-1/4" x 3/8"
53518012500	BORING BAR SOCKET 1-1/4" X 5/16"
53518013000	DRILL SOCKET 1-1/4" X 1MT
53518013100	DRILL SOCKET 1-1/4" X 2MT

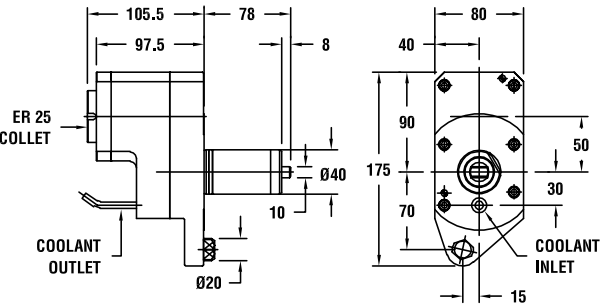


QTN NEXUS 200, NEXUS 250 SERIES, SQT 15, SQT 18, SQT 200, SQT 250 - 12刀座的转塔系列机床

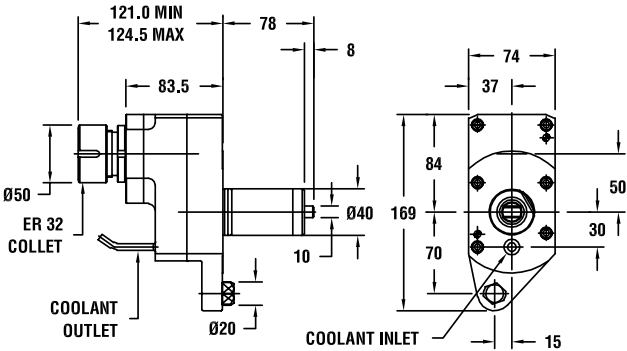
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最大扭矩	最高转速	冷却方式	图纸
190.15675.000	V-SHIFT 12ST-T SUPAMIL M/D ER25 6000RPM	53628010200	ER25	1:1	70 Nm	6000	外冷却	68
190.15685.000	V-SHIFT 12ST-T SUPAMIL M/D ER32 6000RPM	53208020102 53628010801	ER32	1:1	70 Nm	6000	外冷却	69
190.15674.000	REPLACED BY 190.15685.000	53208030401	-	-	-	-	-	-
C4-DTE-QTN200-050118I	V-SHIFT 12ST-T C4 TC 4500RPM		Capto C4	1:1	70 Nm	4500	内冷却	70
190.15665.000	H-90DEG 12ST-T SUPAMIL M/D ER25 6000RPM	53628010101	ER25	1:1	70 Nm	6000	外冷却	71
190.15670.000	REPLACED BY 190.15665.000	53208030501	-	-	-	-	-	-
190.15671.000	H-90DEG 12ST-T SUPAMIL M/D ER32 6000RPM	53208020202 53628010701	ER32	1:1	70 Nm	6000	外冷却	72
190.15669.000	REPLACED BY 190.15671.000		-	-	-	-	-	-
C4-DTI-QTN200-130060I	H-90 DEGREE 12 ST-T C4 TC 4500 RPM		Capto C4	1:1	70 Nm	4500	内冷却	73
190.14718.000	H-90DEG 12ST-T R BACK M/D ER32 6000RPM	53208021000 53468010701 53208021002	ER32	1:1	70 Nm	6000	外冷却	74
190.14724.000	REPLACED BY 190.14823.000		-	-	-	-	-	-
190.14823.000	H-90DEG 12ST-T DOUBLE END M/D ER32 6000RPM	53208011600 53628011000	ER32	1:1	70 Nm	6000	外冷却	75
196.13989.000	ADJ 12ST-T 0-90 DEG ER25		ER25	5:3	4 Nm	6000IN	外冷却	76
190.10020.000	V-SHIFT SUPAMIL - ER32 T/COOL 6000RPM		ER32	1:1	70 Nm	6000	内冷却	77
190.90010.000	V-SHIFT SUPAMIL-ER32 1.5:1 RATIO SPEEDER		ER32	1.5:1	70 Nm	6000IN 9000OUT	外冷却	78
190.20010.000	H-90DEG SUPAMIL - ER32 T/COOL 6000RPM		ER32	1:1	70 Nm	6000	内冷却	79
190.90020.000	H-90DEG SUPAMIL-ER32 1.5:1 RATIO SPEEDER		ER32	1.5:1	70 Nm	6000IN 9000OUT	外冷却	80

图纸：68
190.15675.000

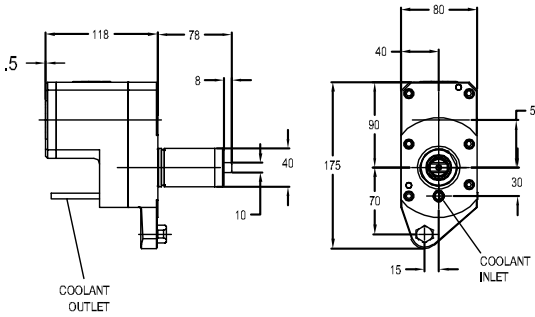


图纸：69
190.15685.000

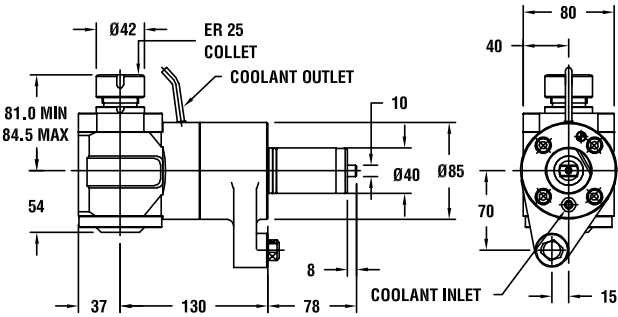




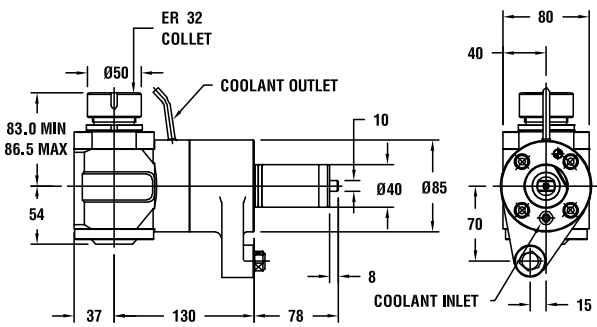
图纸：70
C4-DTE200-050118I



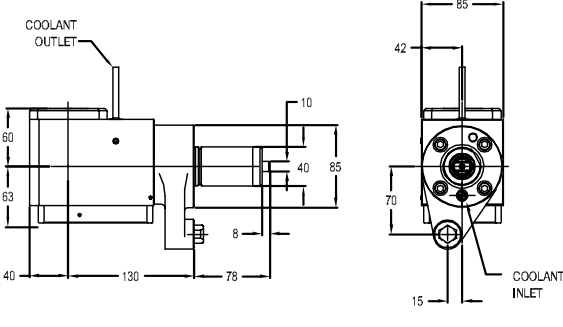
图纸：71
190.15665.000



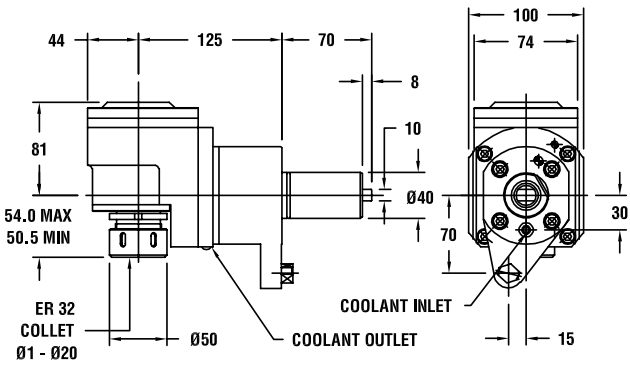
图纸：72
190.15671.000



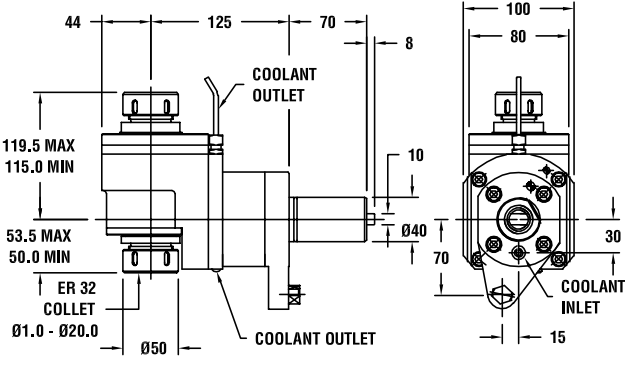
图纸：73
C4-DTI-QTN200-130060I



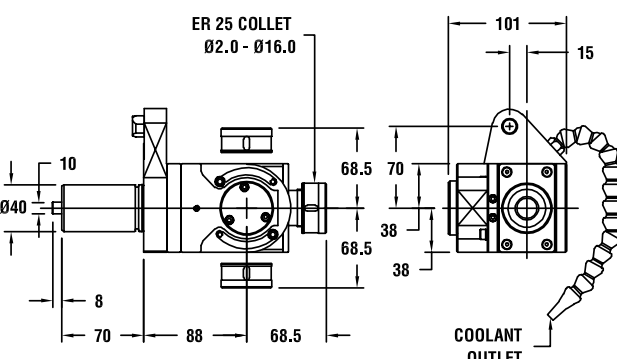
图纸：74
190.14718.000



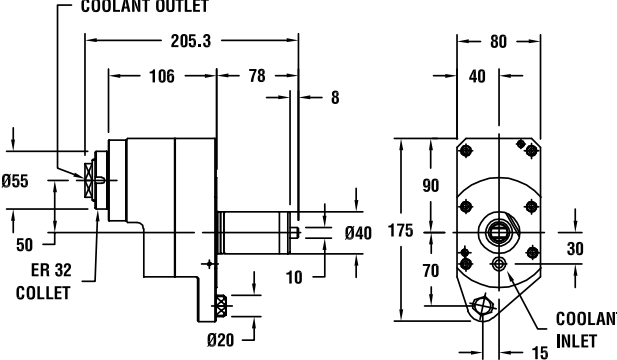
图纸：75
190.14823.000



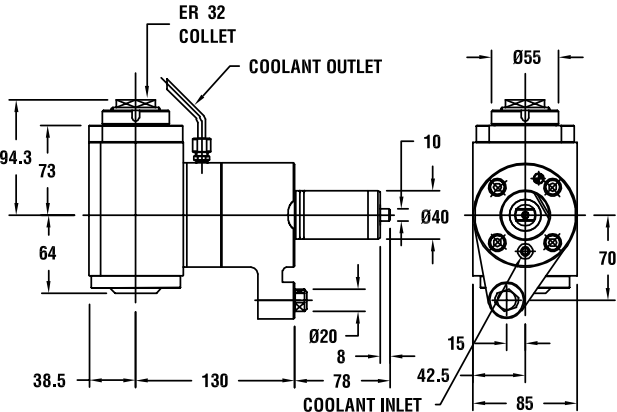
图纸：76
196.13989.000



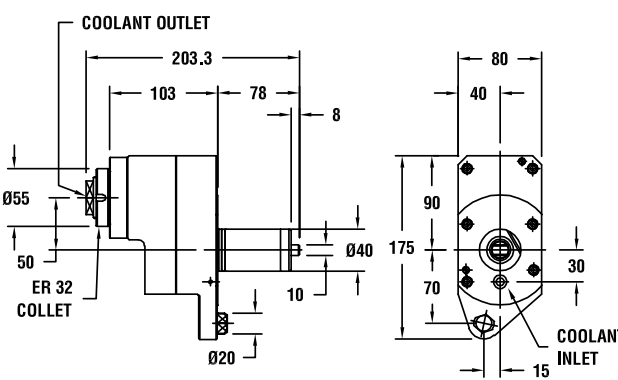
图纸：78
190.10020.000



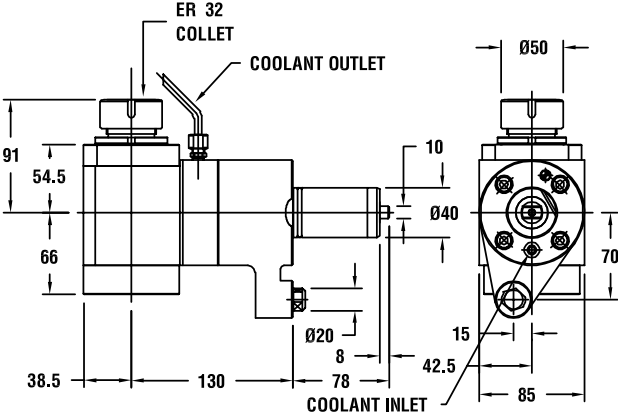
图纸：80
190.90020.000



图纸：77
190.90010.000



图纸：79
190.20010.000



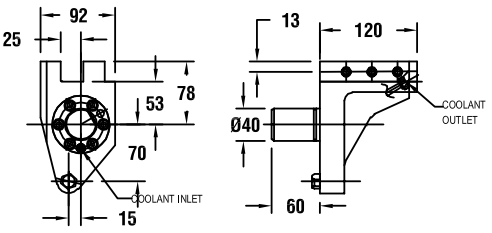


QTN NEXUS 200, NEXUS 250 SERIES, SQT 15, SQT 18, SQT 200, SQT 250 - 12刀座的转塔系列机床

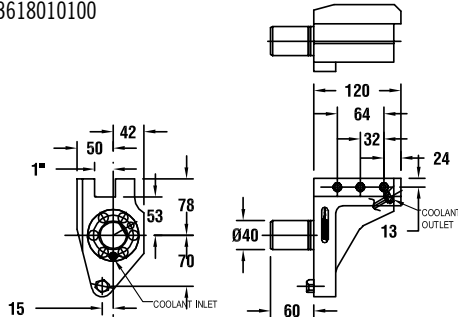
固定刀座

订货号	描述	图纸
53618000100	FWD (R/H) TURNING TOOL HLDR 25MM X 25MM	81
53618010100	FWD (R/H) TURNING TOOL HLDR 1" X 1"	82
53618010200	USE 53208015100 DIRECT REPLACEMENT	-
53618000600	REV (L/H) TURNING TOOL HLDR 25MM X 25MM	83
53618010600	REV (L/H) TURNING TOOL HLDR 1" X 1"	84
53638000300	DOUBLE TURNING TOOL HLDR 25MM X 25MM	85
53638010300	DOUBLE TURNING TOOL HLDR 1" X 1"	86
53618000300	FACING TOOL HLDR 25MM X 25MM	87
53618010300	FACING TOOL HLDR 1" X 1"	88
53618000400	CUT-OFF HLDR	89
53208005100	BORING BAR HLDR 40MM (SQT200)	90
53618000200	USE 53208005100 - DIRECT REPLACEMENT	-
53208015100	BORING BAR HLDR 1-1/2"	91
53638000400	DOUBLE BORING BAR HLDR 2 X 25MM	92
53638010400	DOUBLE BORING BAR HLDR 2 X 1"	93
53208005200	U" DRILL HLDR 40MM (SQT200)	94
53618000500	USE 53208005200 - DIRECT REPLACEMENT	-
53618010500	USE 53208005200 - DIRECT REPLACEMENT	-
53208015200	USE 53208005200 - DIRECT REPLACEMENT	-
53518000600	TURRET CAP	95

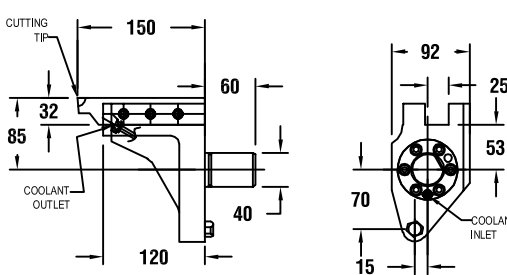
图纸：81
53618000100



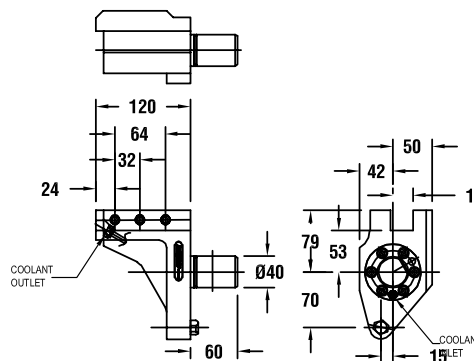
图纸：82
53618010100



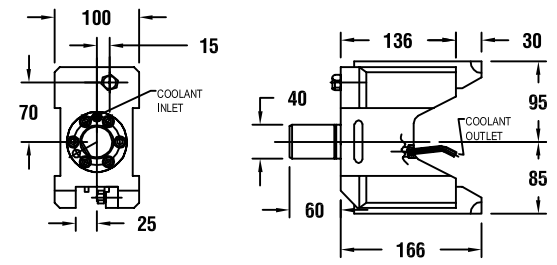
图纸：83
53618000600



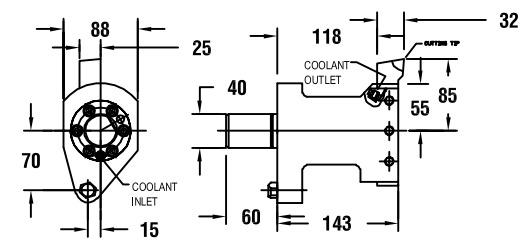
图纸：84
53618010600



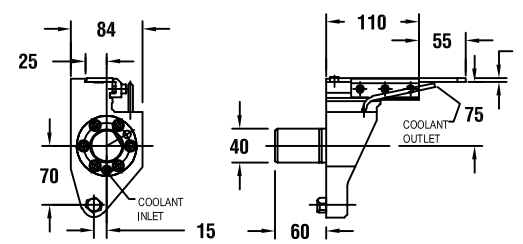
图纸：85
53638000300



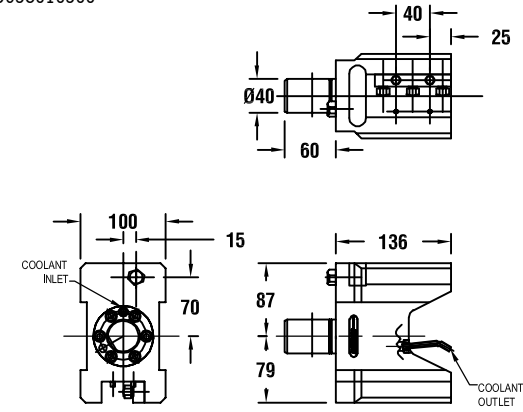
图纸：87
53618000300



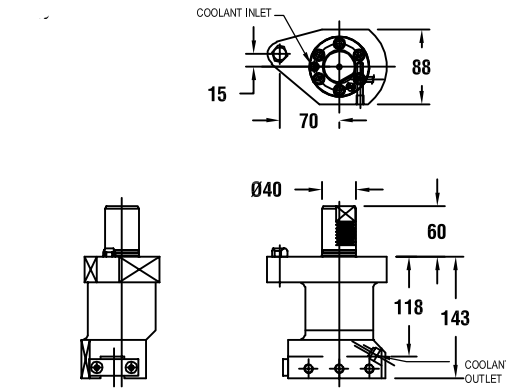
图纸：89
53618000400



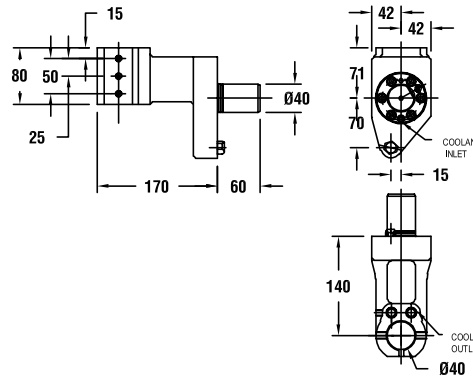
图纸：86
53638010300



图纸：88
53618010300

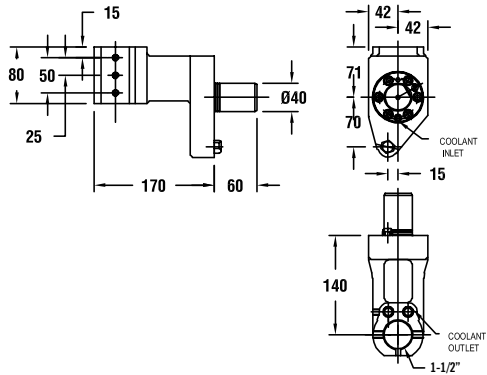


图纸：90
53208005100

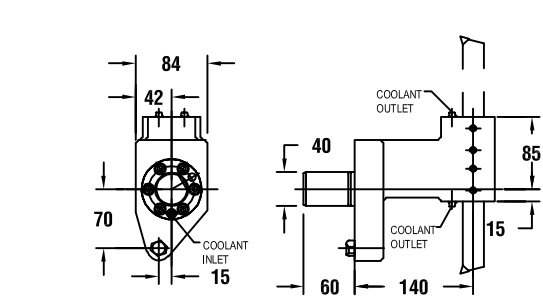




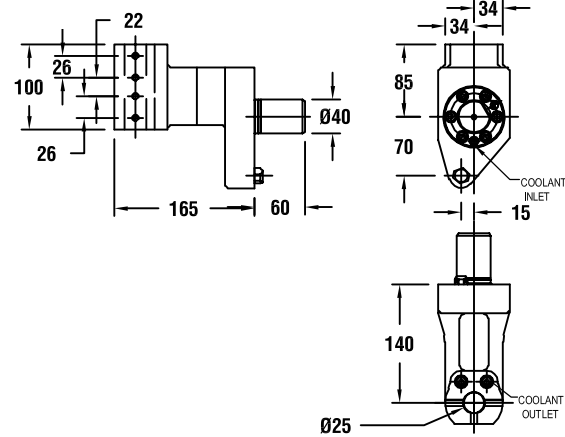
图纸：91
53208015100



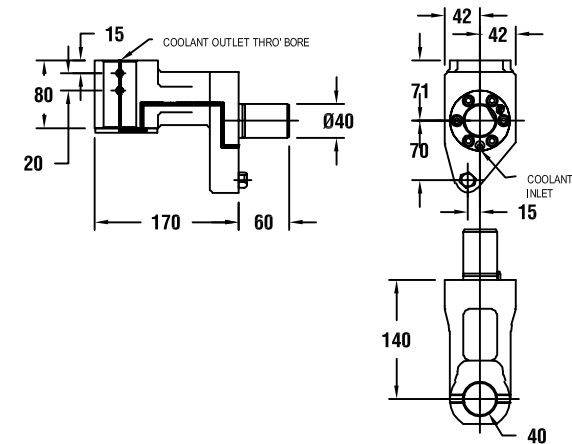
图纸：92
53638000400



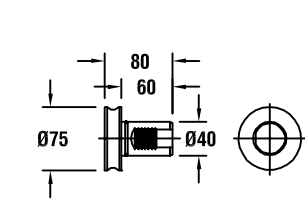
图纸：93
53638010400



图纸：94
53208005200



图纸：95
53518000600

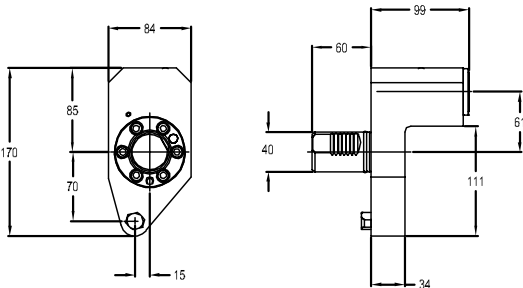


QTN NEXUS 200, NEXUS 250 SERIES, SQT 15, SQT 18, SQT 200, SQT 250 - 12刀座的转塔系列机床

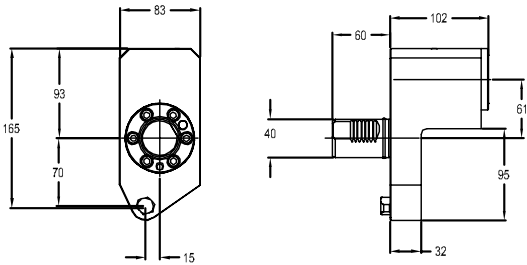
CAPTO固定刀座

订货号	描述	图纸
C4-LCE-SQT250-061099M	C4-EXTERNAL L/H FORWARD TOOL HLDR	96
C4-RCE-SQT250-061099M	C4-EXTERNAL R/H FORWARD TOOL HLDR	96
C5-LCE-SQT250-061102M	C5-EXTERNAL L/H FORWARD TOOL HLDR	97
C5-RCE-SQT250-061102M	C5-EXTERNAL R/H FORWARD TOOL HLDR	97
C4-LCE-SQT250-058099MSS	C4-EXTERNAL L/H REVERSE TOOL HLDR	98
C4-RCE-SQT250-058099MSS	C4-EXTERNAL R/H REVERSE TOOL HLDR	98
C5-LCE-SQT250-050102MSS	C5-EXTERNAL L/H REVERSE TOOL HLDR	99
C5-RCE-SQT250-050102MSS	C5-EXTERNAL R/H REVERSE TOOL HLDR	99
C4-LCE-SQT250-000099MDT	C4-DBL EXT L/H FOR/REV TOOL HLDR	100
C4-RCE-SQT250-000099MDT	C4-DBL EXT R/H FOR/REV TOOL HLDR	100
C5-LCE-SQT250-000102MDT	C5-DBL EXT L/H FOR/REV TOOL HLDR	101
C5-RCE-SQT250-000102MDT	C5-DBL EXT R/H FOR/REV TOOL HLDR	101
C4-LCI-SQT250-140076M	C4-INTERNAL L/H FORWARD TOOL HLDR	102
C4-RCI-SQT250-140076M	C4-INTERNAL R/H FORWARD TOOL HLDR	102
C5-LCI-SQT250-140079M	C5-INTERNAL L/H FORWARD TOOL HLDR	103
C5-RCI-SQT250-140079M	C5-INTERNAL R/H FORWARD TOOL HLDR	103
C4-LCI-SQT250-140020MSS	C4-INTERNAL L/H REVERSE TOOL HLDR	104
C4-RCI-SQT250-140020MSS	C4-INTERNAL R/H REVERSE TOOL HLDR	104
C5-LCI-SQT250-140023MSS	C5-INTERNAL L/H REVERSE TOOL HLDR	105
C5-RCI-SQT250-140023MSS	C5-INTERNAL R/H REVERSE TOOL HLDR	105

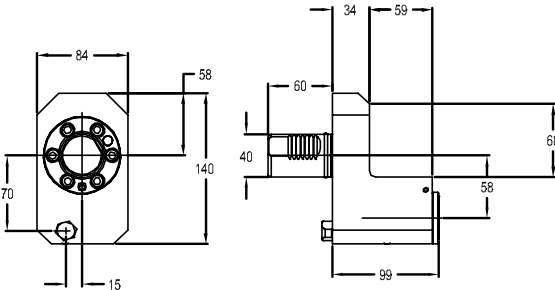
图纸：96
C4-L/RCE-SQT250-061099M



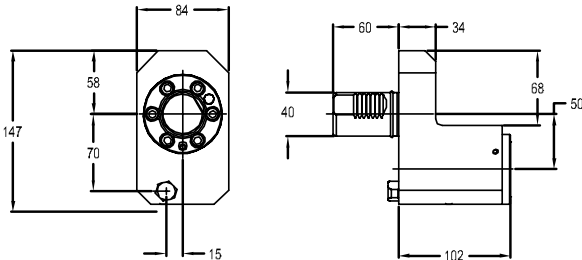
图纸：97
C5-L/RCE-SQT250-061102M



图纸：98
C4-L/RCE-SQT250-058099MSS

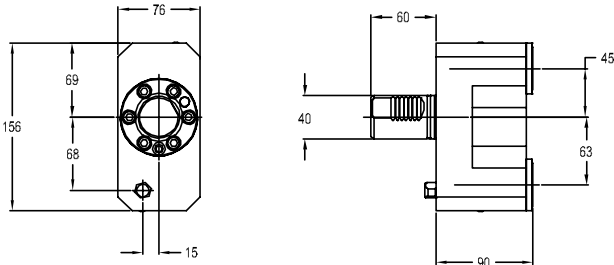


图纸：99
C5-L/RCE-SQT250-050102MSS

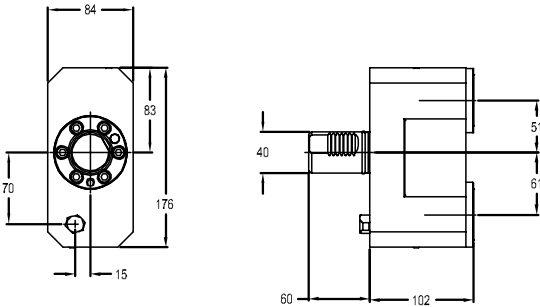




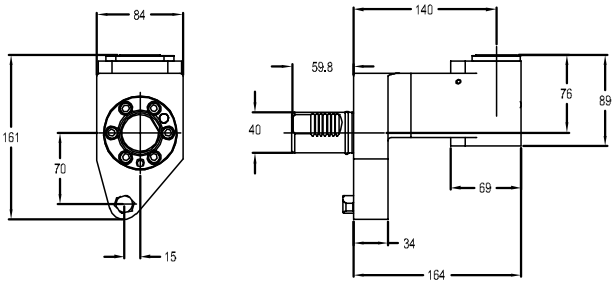
图纸：100
C4-L/RCE-SQT250-000099MDT



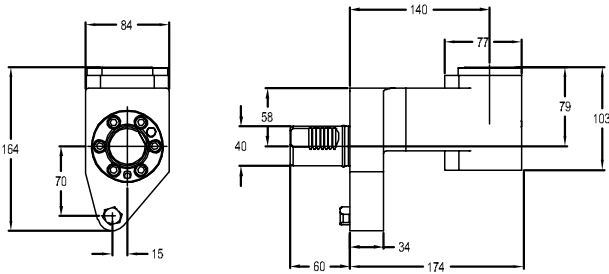
图纸：101
C5-L/RCE-SQT250-000102MDT



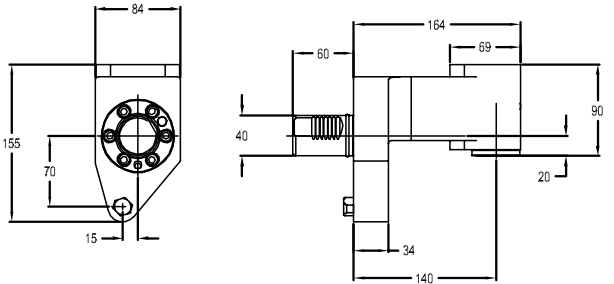
图纸：102
C4-L/RCI-SQT250-140076M



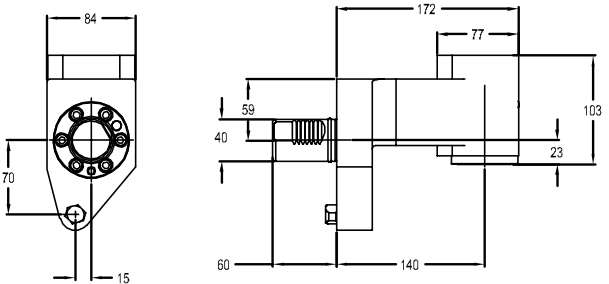
图纸：103
C5-L/RCI-SQT250-140079M



图纸：104
C4-L/RCI-SQT250-140020MSS



图纸：105
C5-L/RCI-SQT250-140023MSS



QTN NEXUS 200, NEXUS 250 SERIES, SQT 15, SQT 18, SQT 200, SQT 250 - 12刀座的转塔系列机床

衬套

订货号	描述
51378001102	BORING BAR SOCKET 40MM X 32MM
51378001200	BORING BAR SOCKET 40MM X 25MM
51378001300	BORING BAR SOCKET 40MM X 20MM
51378001400	BORING BAR SOCKET 40MM X 16MM
51378001500	BORING BAR SOCKET 40MM X 12MM
51378001600	BORING BAR SOCKET 40MM X 10MM
51378001700	BORING BAR SOCKET 40MM X 8MM
53208001000	U' DRILL SOCKET 40MM X 20MM
53208001100	U' DRILL SOCKET 40MM X 25MM
53208001200	U' DRILL SOCKET 40MM X 32MM
53418003100	DRILL SOCKET 40MM X 3MT
53418003200	DRILL SOCKET 40MM X 2MT
53418003300	DRILL SOCKET 40MM X 1MT
53468006300	BORING BAR SOCKET 1" X 5/16"
53468006400	BORING BAR SOCKET 1" X 3/8"
53468006500	BORING BAR SOCKET 1" X 1/2"
53468006600	BORING BAR SOCKET 1" X 5/8"
53468006700	BORING BAR SOCKET 1" X 3/4"

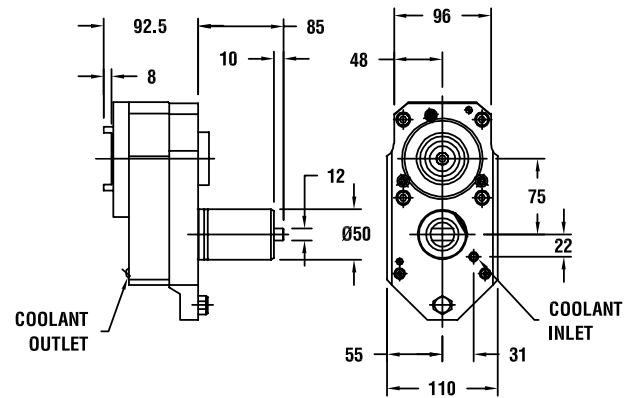


QTN NEXUS 300, NEXUS 350, NEXUS 400, NEXUS 450
SQT 28, SQT 30, SQT 300系列机床

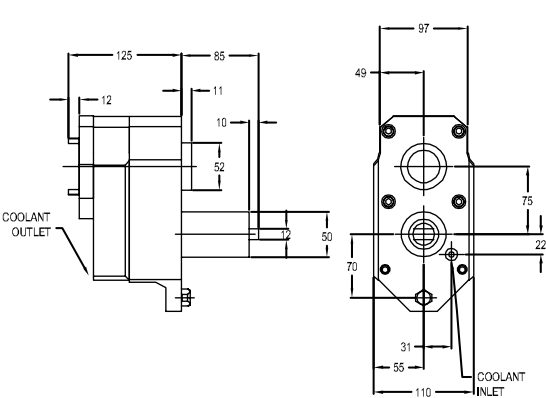
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最大扭矩	最高转速	冷却方式	图纸
222.15653.000	V-SHIFT M/D DIN40M EXT COOL 4000RPM	53308020604 53828002002	DIN40 TAPER	1:1	100 Nm	4000	外冷却	106
222.15700.000	V-SHIFT M/D DIN40M THRU COOL 4000RPM		DIN40 TAPER	1:1	100 Nm	4000	内冷却	107
222.15656.000	V-SHIFT M/D CAT40 EXT COOL 4000RPM	53308020501 53828001002 53308020600	DIN40 TAPER	1:1	100 Nm	4000	外冷却	106
222.15710.000	V-SHIFT M/D CAT40 THRU COOL 4000RPM		CAT40 TAPER	1:1	100 Nm	4000	内冷却	107
222.15654.000	H-90DEG M/D DIN40M EXT COOL 4000RPM	53308020101	DIN40 TAPER	1:1	100 Nm	4000	外冷却	108
222.15720.000	H-90DEG M/D DIN40M THRU COOL 4000RPM		DIN40 TAPER	1:1	100 Nm	4000	内冷却	109
222.15658.000	H-90DEG M/D CAT40 EXT COOL 4000RPM	53308020201 53488025000	CAT40 TAPER	1:1	100 Nm	4000	外冷却	108
222.15730.000	H-90DEG M/D CAT40 THRU COOL 4000RPM		CAT40 TAPER	1:1	100 Nm	4000	内冷却	109
222.30010.000	H-90DEG BACK M/D HLDR DIN40M EXT COOL 4000RPM		DIN40 TAPER	1:1	100 Nm	4000	外冷却	110
222.30020.000	H-90DEG BACK M/D HLDR CAT40 EXT COOL 4000RPM		CAT40 TAPER	1:1	100 Nm	4000	外冷却	110

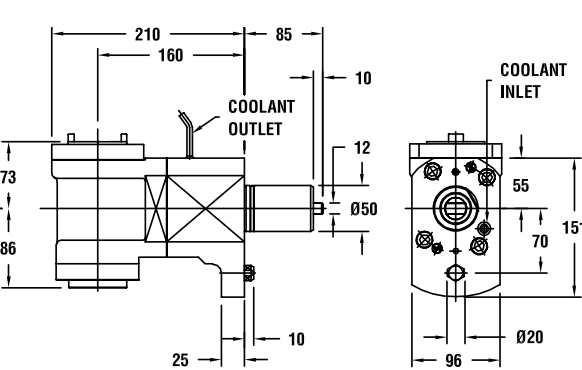
图纸：106
222.15653.000, 222.15656.000



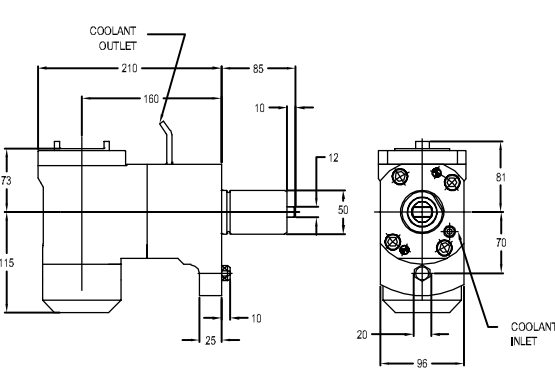
图纸：107
222.15700.000, 222.15710.000



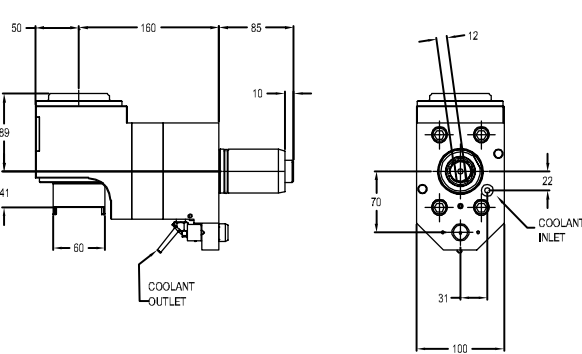
图纸：108
222.15654.000, 222.15658.000



图纸：109
222.15720.000, 222.15730.000



图纸：110
222.30010.000, 222.30020.000



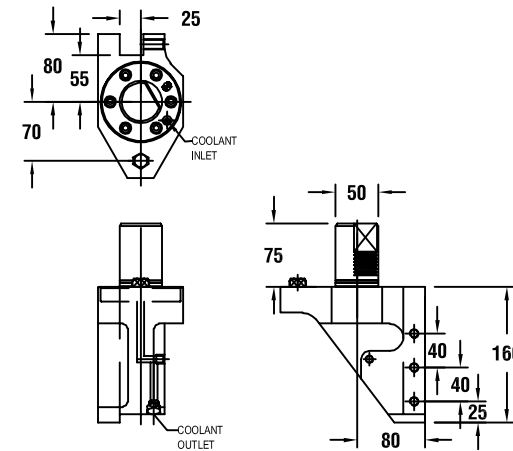


**QTN NEXUS 300, NEXUS 350, NEXUS 400, NEXUS 450
SQT 28, SQT 30, SQT 300系列机床**

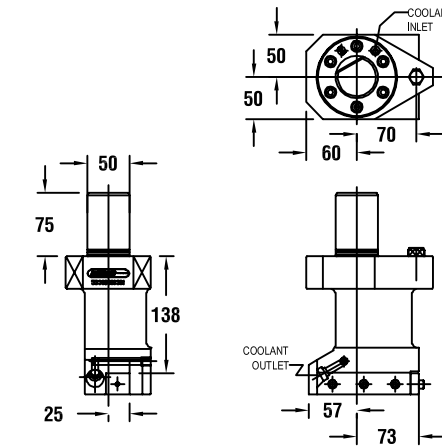
固定刀座

订货号	描述	图纸
53308000101	FWD (R/H) TURNING TOOL HLDR 25MM X 25MM	111
53308000201	BORING BAR HLDR 50MM	112
53308000301	FACING TOOL HLDR 25MM X 25MM	113
53308000401	CUT-OFF HLDR	114
53308000501	U' DRILL HLDR 40MM	115
53308000601	REV (L/H) TURNING TOOL HLDR 25MM X 25MM	116
53308010100	FWD (R/H) TURNING TOOL HLDR 1" X 1"	117
53308010200	BORING BAR HLDR 2"	118
53308010300	FACING TOOL HLDR 1" X 1"	119
53308010500	USE 53308000501 - DIRECT REPLACEMENT	-
53308010600	REV (L/H) TURNING TOOL HLDR 1" X 1"	120
53688000100	REV (L/H) TURNING TOOL HLDR 32MM X 32MM	121
53688000200	FWD (R/H) TURNING TOOL HLDR 32MM X 32MM	122
53688000300	FACING TOOL HLDR 32MM X 32MM	123
53688010100	REV (L/H) TURNING TOOL HLDR 1-1/4" X 1-1/4"	124
53688010200	FWD (R/H) TURNING TOOL HLDR 1-1/4" X 1-1/4"	125
53688010300	FACING TOOL HLDR 1-1/4" X 1-1/4"	126
53818000101	USE 53308000101 - DIRECT REPLACEMENT	-
53818000201	USE 53308000201 - DIRECT REPLACEMENT	-
53818000301	USE 53308000301 - DIRECT REPLACEMENT	-
53818000401	USE 53308000401 - DIRECT REPLACEMENT	-
53818000501	USE 53308000501 - DIRECT REPLACEMENT	-
53818000601	USE 53308000601 - DIRECT REPLACEMENT	-
53818000701	TURRET CAP	127
53818010100	USE 53308010100 - DIRECT REPLACEMENT	-
53818010200	USE 53308010200 - DIRECT REPLACEMENT	-
53818010300	USE 53308010300 - DIRECT REPLACEMENT	-
53818010500	USE 53308000501 - DIRECT REPLACEMENT	-
53818010600	USE 53308010600 - DIRECT REPLACEMENT	-
53838000801	DOUBLE TURNING TOOL HLDR 25MM X 25MM	128
53838000901	DOUBLE BORING BAR HLDR 32MM	129
53838010800	DOUBLE TURNING TOOL HLDR 1" X 1"	130
53838010900	DOUBLE BORING BAR HLDR 1-1/4"	131
5333802010C1	DOUBLE TURNING TOOL HLDR 1" X 1"	132

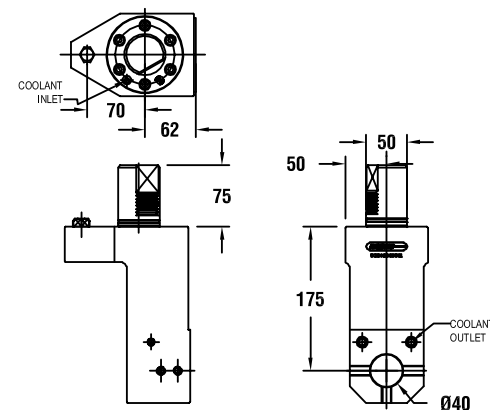
图纸：111
53308000101



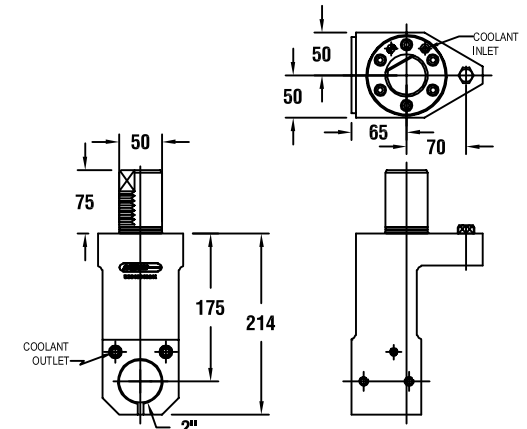
图纸：113
53308000301



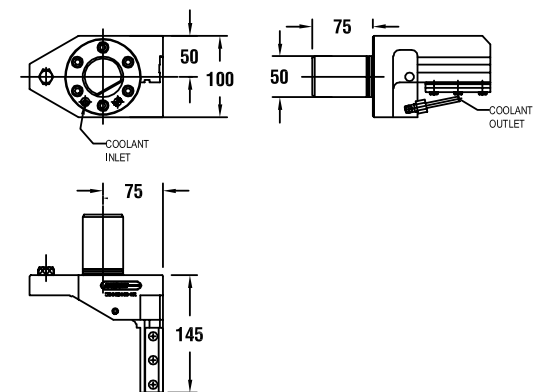
图纸：115
53308000501



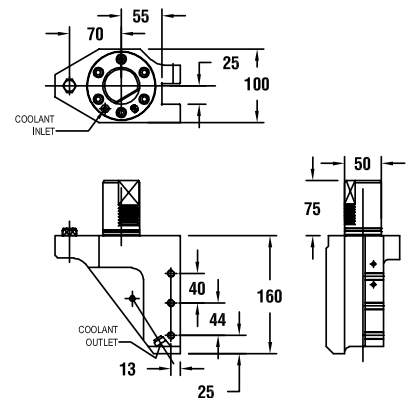
图纸：112
53308000201



图纸：114
53308000401

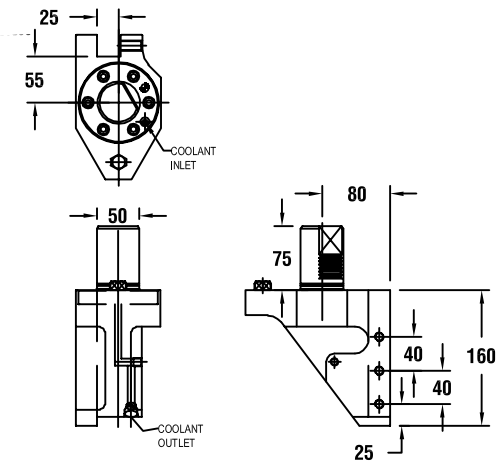


图纸：116
53308000601

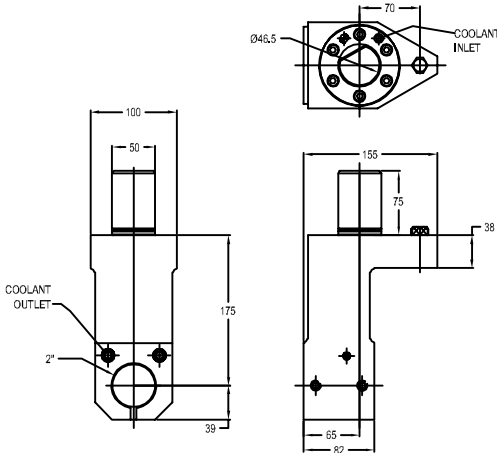




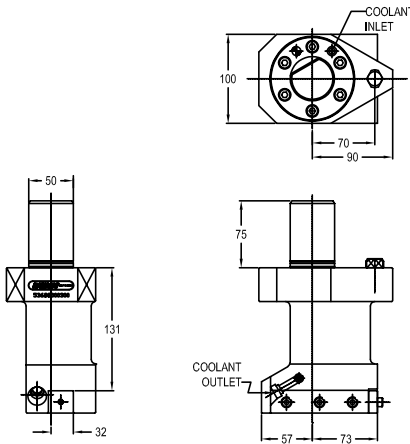
图纸 : 117
53308010100



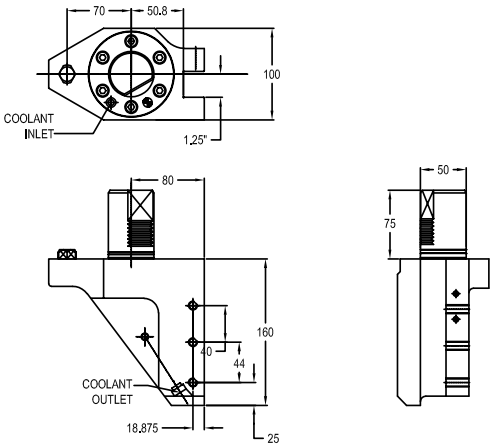
图纸 : 118
53308010200



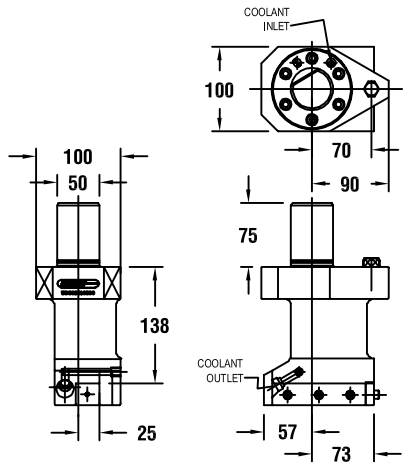
图纸 : 123
53688000300



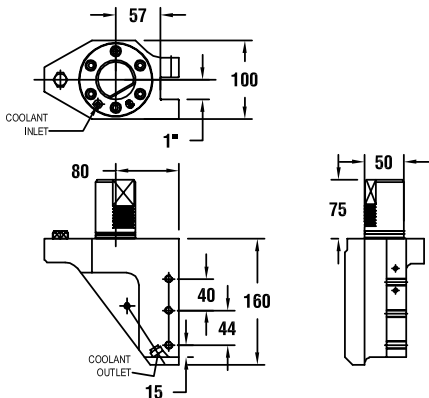
图纸 : 124
53688010100



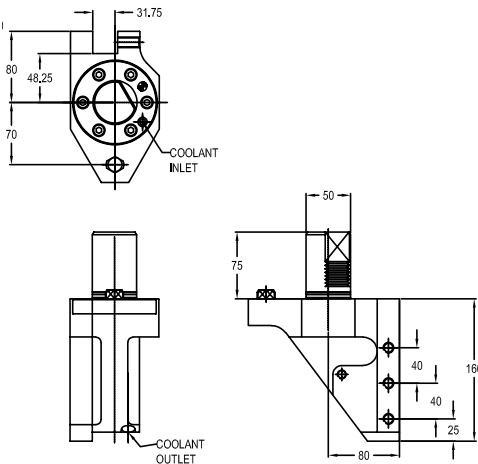
图纸 : 119
53308010300



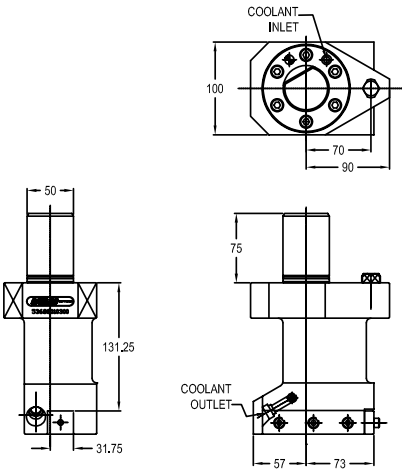
图纸 : 120
53308010600



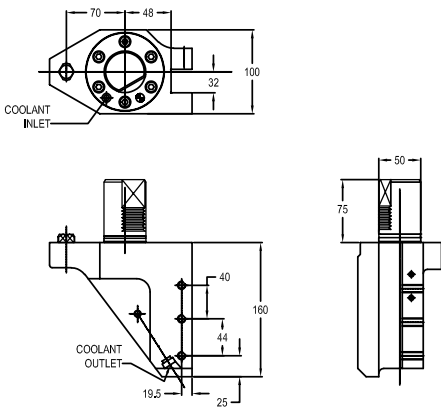
图纸 : 125
53688010200



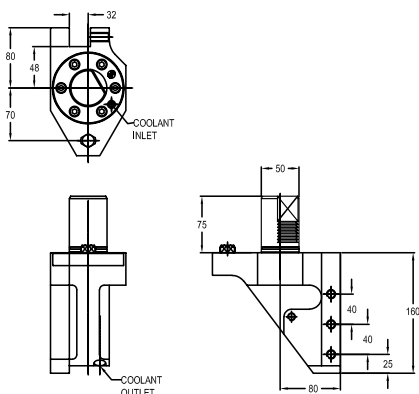
图纸 : 126
53688010300



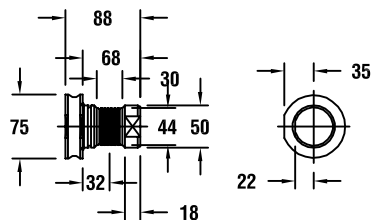
图纸 : 121
53688000100



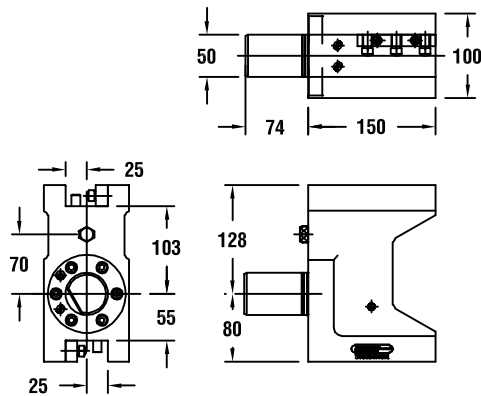
图纸 : 122
53688000200



图纸 : 127
53818000701

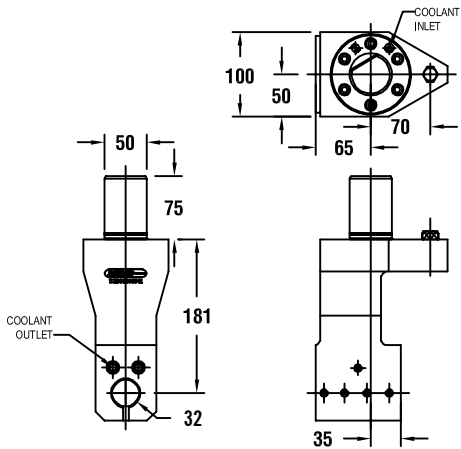


图纸 : 128
53838000801

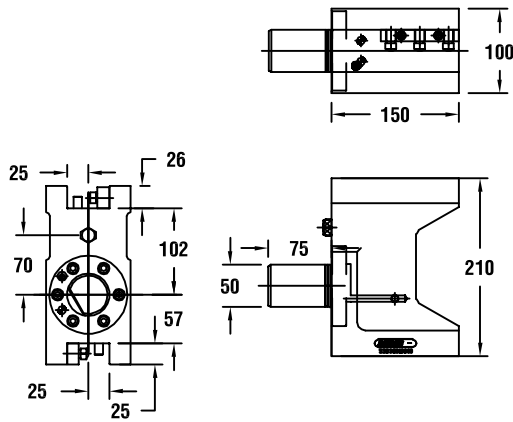




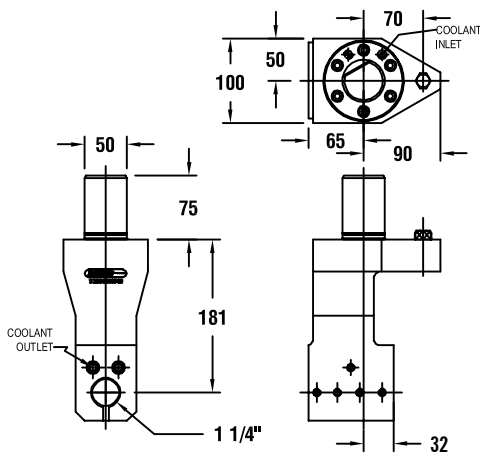
图纸：129
5383800901



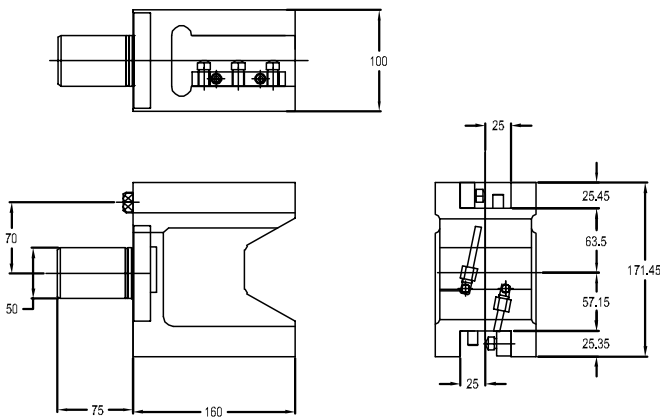
图纸：130
53838010800



图纸：131
53838010900



图纸：132
5333802010C1

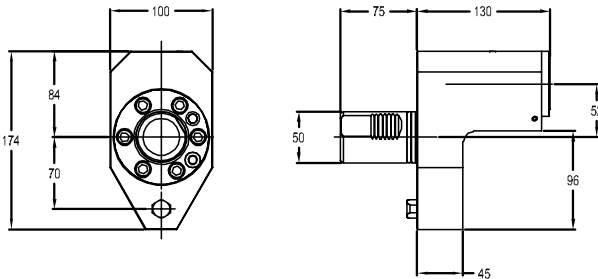


QTN NEXUS 300, NEXUS 350, NEXUS 400, NEXUS 450
SQT 28, SQT 30, SQT 300系列机床

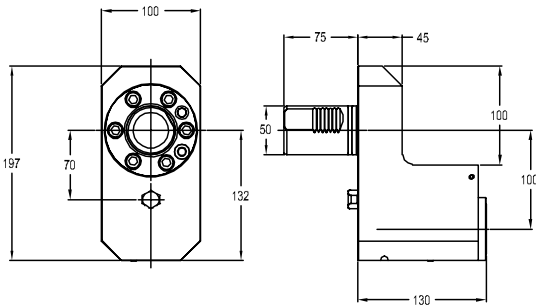
CAPTO固定刀座

订货号	描述	图纸
C5-LCE-SQT30-052130M	C5-EXTERNAL L/H FORWARD TOOL HOLDER	133
C5-RCE-SQT30-052130M	C5-EXTERNAL R/H FORWARD TOOL HOLDER	133
C5-LCE-SQT30-100130MSS	C5-EXTERNAL L/H FORWARD TOOL HOLDER	134
C5-RCE-SQT30-100130MSS	C5-EXTERNAL R/H FORWARD TOOL HOLDER	134
C5-LCE-SQT30-000130MDT	C5-DBL EXTERNAL L/H FOR/REV TOOL HLDR	135
C5-RCE-SQT30-000130MDT	C5-DBL EXTERNAL R/H FOR/REV TOOL HLDR	135
C5-LCI-SQT30-175073M	C5-INTERNAL L/H FORWARD TOOL HOLDER	136
C5-RCI-SQT30-175073M	C5-INTERNAL R/H FORWARD TOOL HOLDER	136
C5-LCI-SQT30-180043MSS	C5-INTERNAL L/H REVERSE TOOL HLDR	137
C5-RCI-SQT30-180043MSS	C5-INTERNAL R/H REVERSE TOOL HLDR	137

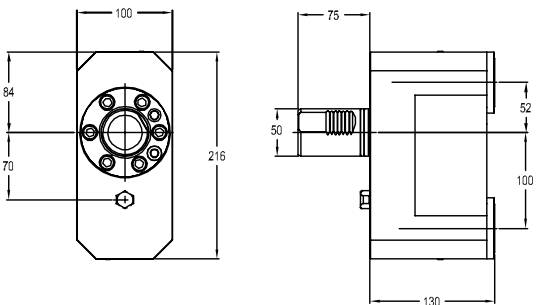
图纸：133
C5-L/RCE-SQT30-052130M



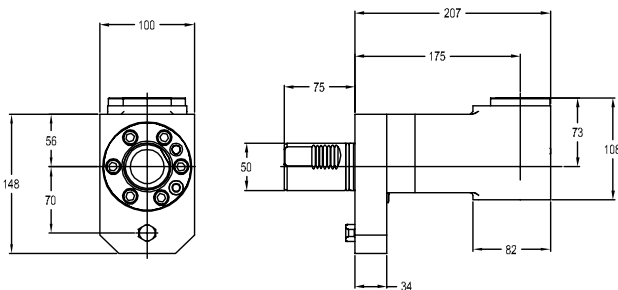
图纸：134
C5-L/RCE-SQT30-100130MSS



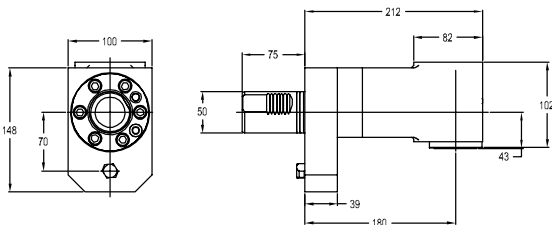
图纸：135
C5-L/RCE-SQT30-000130MDT



图纸：136
C5-L/RCI-SQT30-175073M



图纸：137
C5-L/RCE-SQT30-180043MSS





QTN NEXUS 300, NEXUS 350, NEXUS 400, NEXUS 450
SQT 28, SQT 30, SQT 300系列机床

衬套

订货号	描述
53208001000	U" DRILL SOCKET 40MM X 20MM
53208001100	U" DRILL SOCKET 40MM X 25MM
53208001200	U" DRILL SOCKET 40MM X 32MM
53428000200	BORING BAR SOCKET 50MM X 40MM
53428000400	BORING BAR SOCKET 50MM X 32MM
53428000500	BORING BAR SOCKET 50MM X 25MM
53428001500	DRILL SOCKET 50MM X 4MT
53428001600	DRILL SOCKET 50MM X 3MT
53428001700	DRILL SOCKET 50MM X 2MT
53428001900	BORING BAR SOCKET 2" X 1-3/4"
53428002000	BORING BAR SOCKET 2" X 1-1/2"
53428002100	BORING BAR SOCKET 2" X 1-1/4"
53428002200	BORING BAR SOCKET 2" X 1"
53428003100	DRILL SOCKET 2" X 4MT
53428003200	DRILL SOCKET 2" X 3MT
53428003300	DRILL SOCKET 2" X 2MT

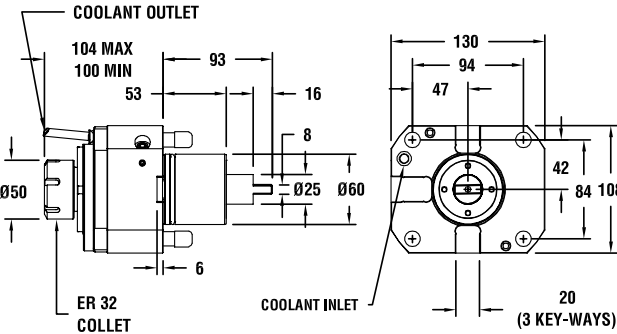


NL1500, NL2000, NL2500, NL3000
NT4200, NT4250, NT4300系列机床

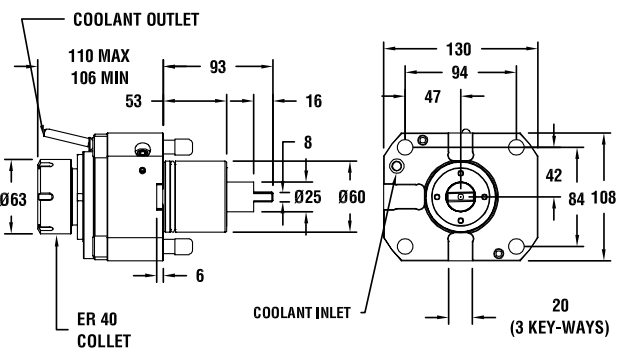
动力刀座

订货号	描述	OEM型号	输出方式	输出比	最高扭矩	最高转速	冷却方式	图纸
T32206	STR TOOL ER32- EXT COOL 6000RPM	T32206	ER32	1:1	84 Nm	6000	外冷却	1
T32206-TC	STR TOOL ER32 - THRU COOL 6000RPM	-	ER32	1:1	84 Nm	6000	内冷却	1
T32213	STR TOOL ER40 - EXT COOL 6000RPM	T32206	ER40	1:1	84 Nm	6000	外冷却	2
T32213-TC	STR TOOL ER40 - THRU COOL 6000RPM	-	ER40	1:1	84 Nm	6000	内冷却	2
T32207	90-DEG TOOL ER32 - EXT COOL 6000RPM	T32207	ER32	1:1	84 Nm	6000	外冷却	3
T32207-TC	90-DEG TOOL ER32- THRU COOL 6000RPM	-	ER32	1:1	84 Nm	6000	内冷却	3
T32214	90-DEG TOOL ER40 - EXT COOL 6000 RPM	-	ER40	1:1	84 Nm	6000	外冷却	4
T32214-TC	90-DEG TOOL ER40- THRU COOL 6000RPM	-	ER40	1:1	84 Nm	6000	内冷却	4
T32216	DBL END ER32 - EXT COOL 6000RPM	T32216	ER32	1:1	84 Nm	6000	外冷却	5
T32217-22MM	STR SHELL MILL 22MM EXT COOLANT 6000RPM	-	22MM SHELL MILL	1:1	84 Nm	6000	外冷却	6
T32217-27MM	STR SHELL MILL 27MM EXT COOLANT 6000RPM	-	27MM SHELL MILL	1:1	84 Nm	6000	外冷却	6
T32217-1.00	STR SHELL MILL 1" EXT COOLANT 6000RPM	-	1" SHELL MILL	1:1	84 Nm	6000	外冷却	6
T32217-0.75	SHELL MILL 3/4" EXT COOLANT 6000RPM	-	3/4" SHELL MILL	1:1	84 Nm	6000	外冷却	6
T32226-22MM	90-DEG SHELL MILL 22MM EXT CLNT 6000RPM	-	22MM SHELL MILL	1:1	84 Nm	6000	外冷却	7

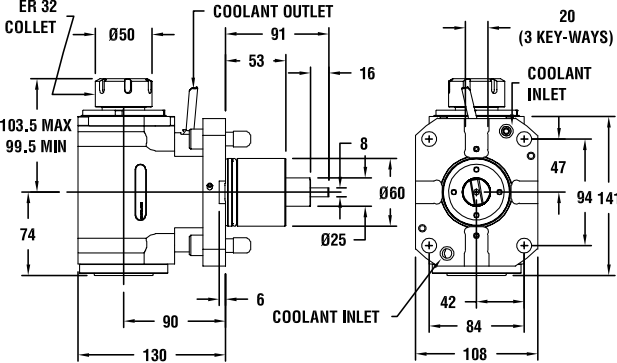
图纸：1
T32206



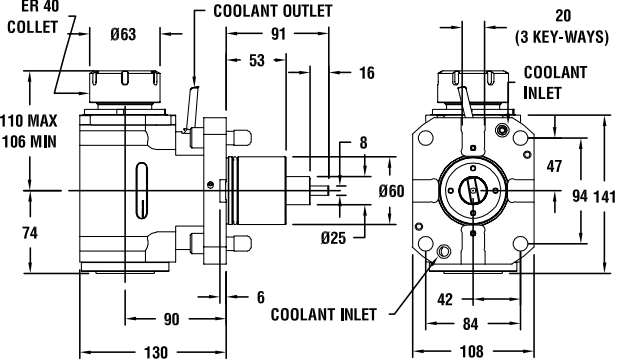
图纸：2
T32213



图纸：3
T32207

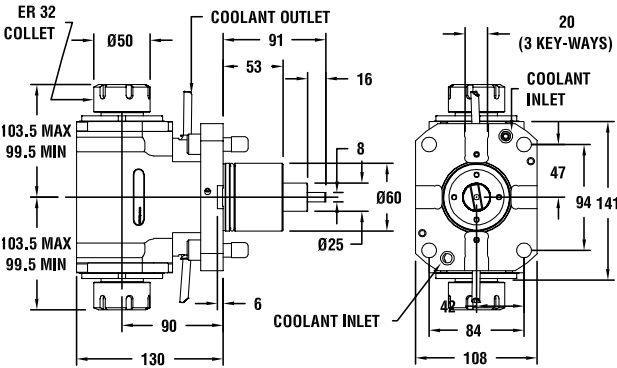


图纸：4
T32214

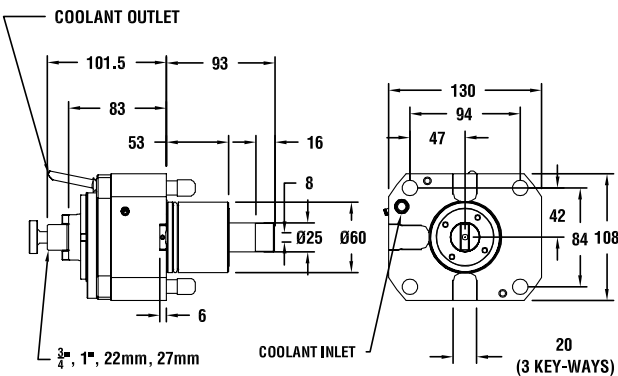




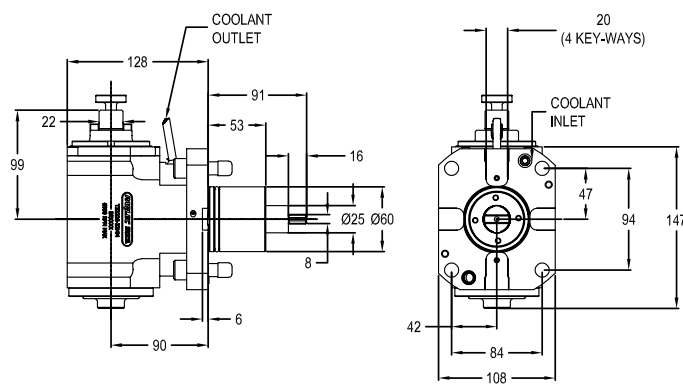
图纸：5
T32216



图纸：6
T32217



图纸：7
T32226-22MM



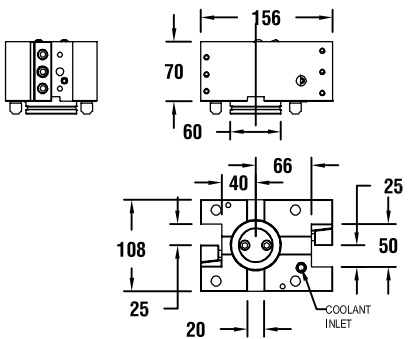
NL1500, NL2000, NL2500, NL3000
NT4200, NT4250, NT4300系列机床

固定刀座

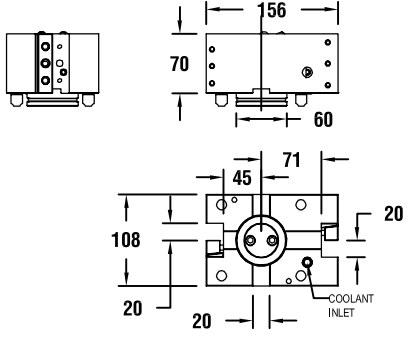
订货号	描述	图纸
T00184	OD CUTTING HOLDER-F/R-25MM	8
T00185	OD CUTTING HOLDER-F/R-20MM	9
T00186	OD CUTTING HOLDER -FORWARD-25MM	10
T00187	OD CUTTING HOLDER-FORWARD-20MM	11
T00199	OD CUTTING HOLDER-FORWARD/REVERSE-1"	12
T00201	OD CUTTING HOLDER-FORWARD/REVERSE-3/4"	13
T00202	OD CUTTING HOLDER-FORWARD-1"	14
T00203	OD CUTTING HOLDER-FORWARD- 3/4"	15
T10097	BORING BAR HOLDER-40MM (NL ONLY)	16
T10098	BORING BAR HOLDER - 50MM (NL ONLY)	17
T10101	BORING BAR HOLDER - 1-1/2" (NL ONLY)	18
T10102	BORING BAR HOLDER - 2" (NL ONLY)	19
T10113	BORING BAR HOLDER - 40MM (NT ONLY)	20
T10114	BORING BAR HOLDER - 50MM (NT ONLY)	21
T10134	BORING BAR HOLDER 1-1/2" (NT ONLY)	22
T10135	BORING BAR HOLDER - 2" (NT ONLY)	23
T10096	DOUBLE BORING BAR HOLDER - 32MM	24
T10100	DOUBLE BORING BAR HOLDER - 1-1/4"	25
T10104	TRIPLE BORING BAR HOLDER -25MM	26
T10108	TRIPLE BORING BAR HOLDER -1"	27
T00197	CUT-OFF HOLDER - 25MM	28
T00198	CUT-OFF HOLDER - 1"	29
T03005	FACE & I/D CUTTING HOLDER-25MM	30
T03006	FACE & I/D CUTTING HOLDER-20MM	31
T03013	FACE & I/D CUTTING HOLDER-1"	32
T03014	FACE & I/D CUTTING HOLDER-3/4"	33
T13128	U DRILL HOLDER- 40MM (NL ONLY)	34
T13130	U DRILL HOLDER- 1-1/2" (NL ONLY)	35
T13131	U DRILL HOLDER- 40MM (NT ONLY)	36
T13137	U DRILL HOLDER-1-1/2" (NT ONLY)	37
T17002	CENTER DRILL HOLDER - METRIC	38
T17003	CENTER DRILL HOLDER -IMPERIAL	39
T17004	CENTER DRILL HOLDER - METRIC	40
T17005	CENTER DRILL HOLDER -IMPERIAL	41



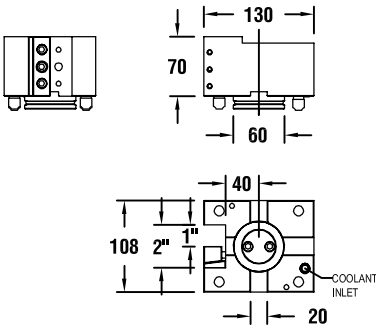
图纸：8
T00184



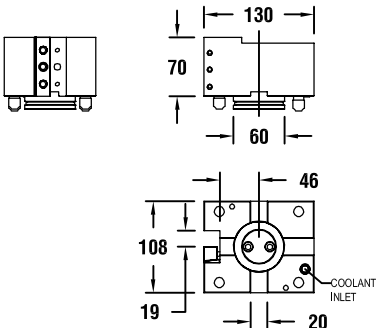
图纸：9
T00185



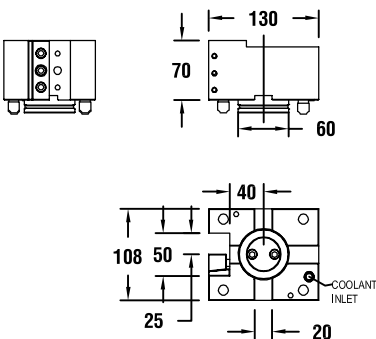
图纸：14
T00202



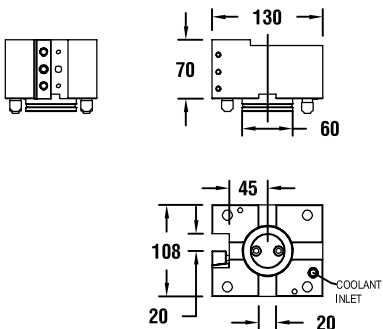
图纸：15
T00203



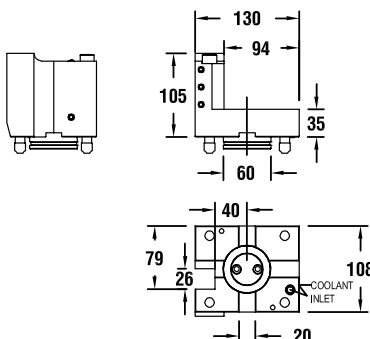
图纸：10
T00186



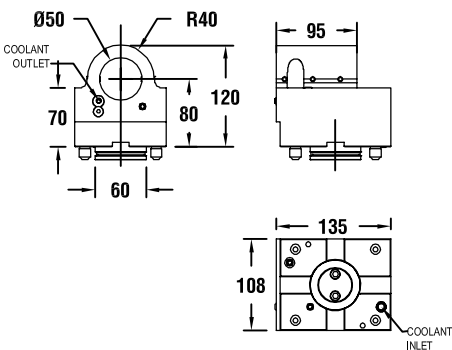
图纸：11
T00187



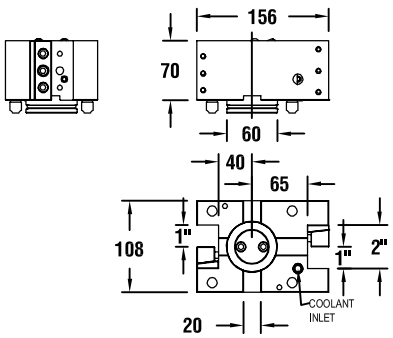
图纸：16
T00197



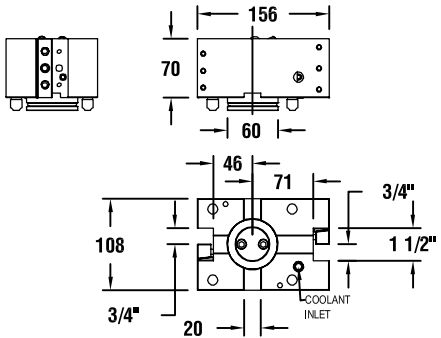
图纸：17
T10098



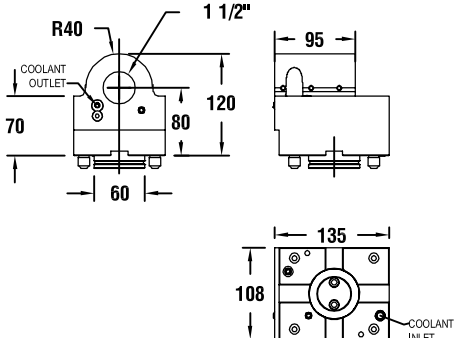
图纸：12
T00199



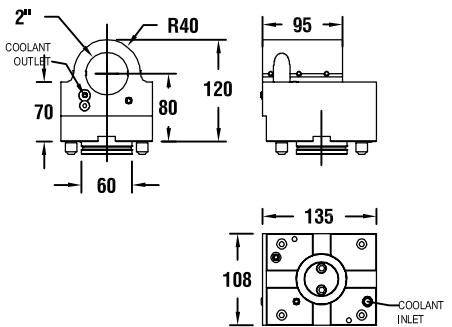
图纸：13
T00201



图纸：18
T10101

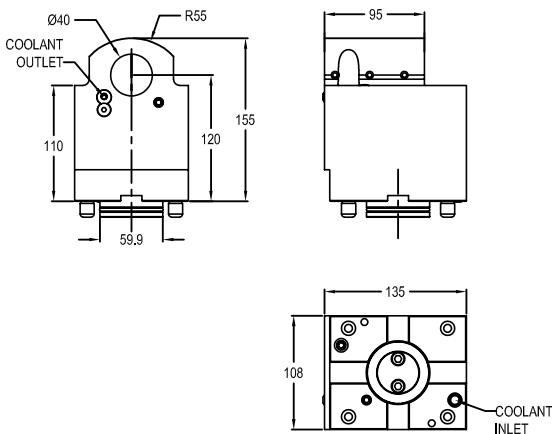


图纸：19
T10102

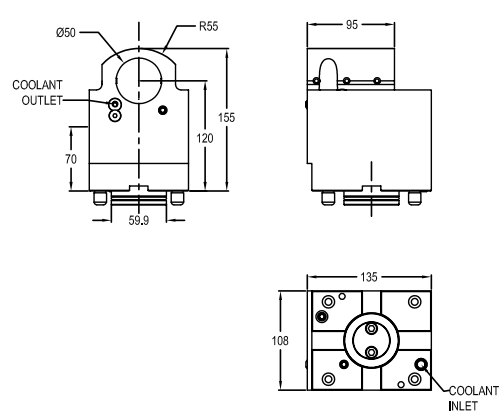




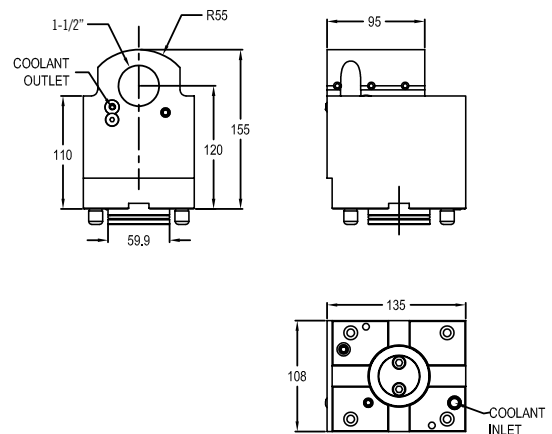
图纸：20
T10113



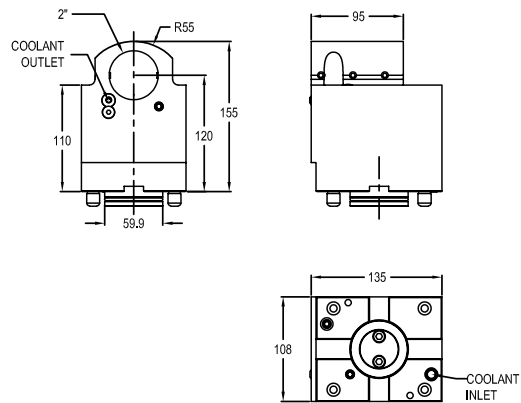
图纸：21
T10114



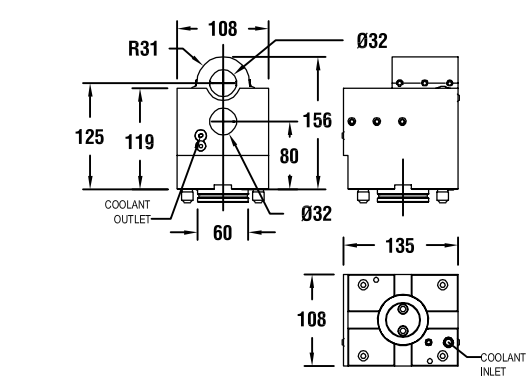
图纸：22
T10134



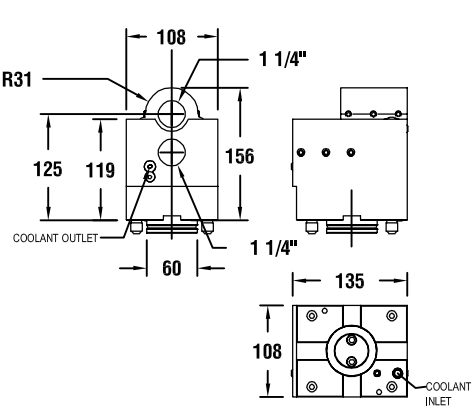
图纸：23
T10135



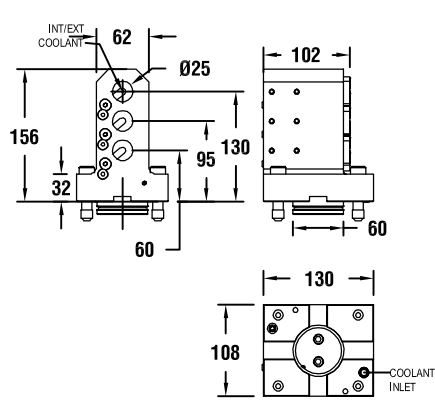
图纸：24
T10096



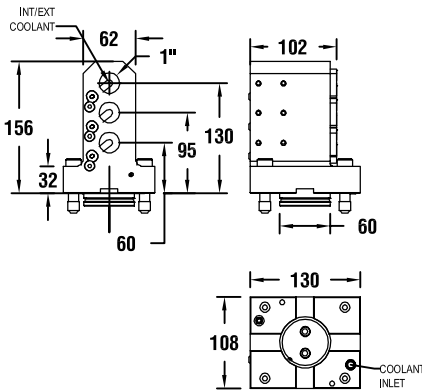
图纸：25
T10100



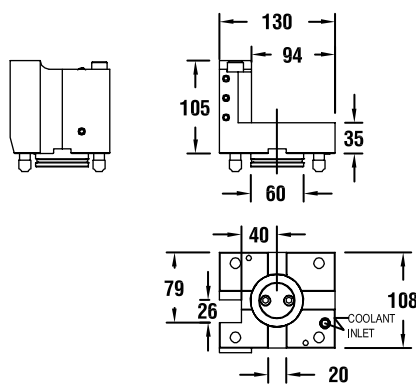
图纸：26
T10104



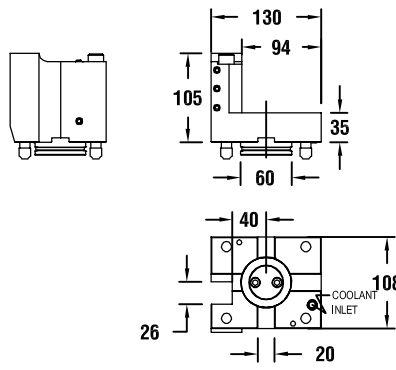
图纸：27
T10108



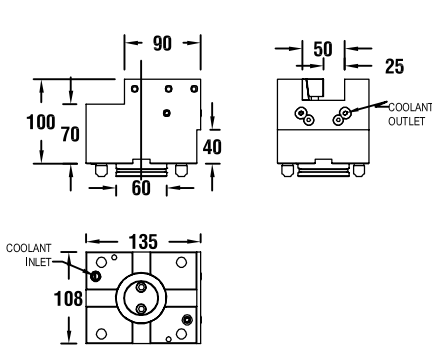
图纸：28
T00197



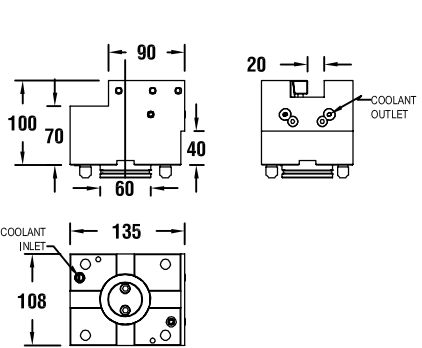
图纸：29
T00198



图纸：30
T03005

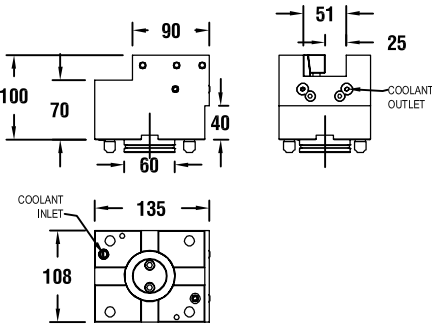


图纸：31
T03006

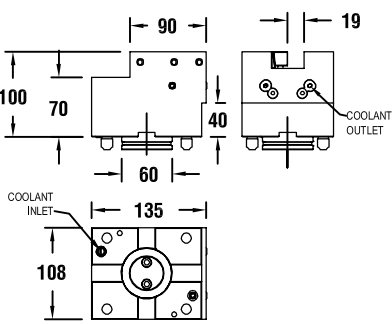




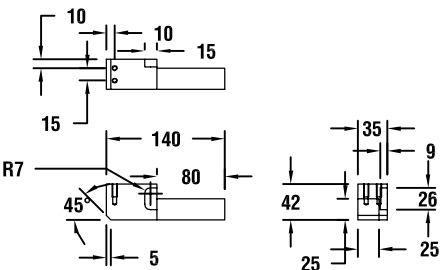
图纸：32
T03013



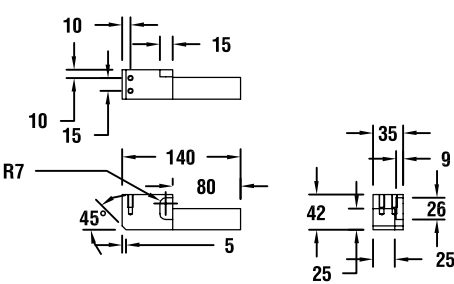
图纸：33
T03014



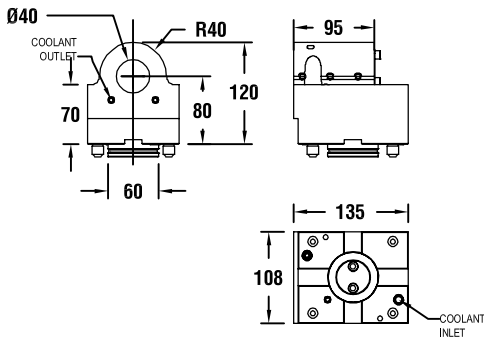
图纸：38
T17002



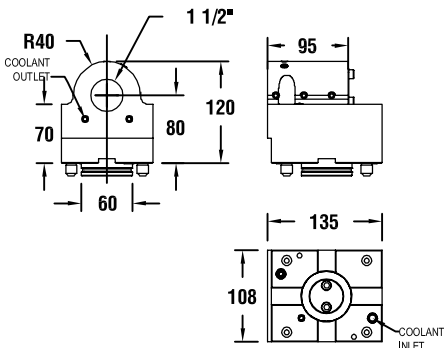
图纸：39
T17003



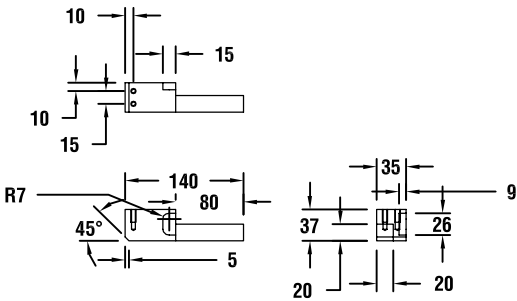
图纸：34
T13128



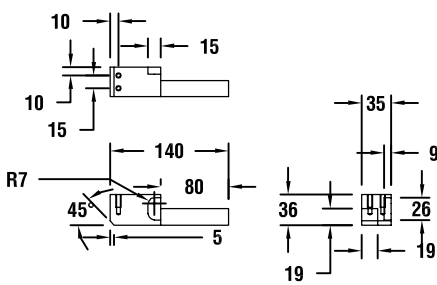
图纸：35
T13130



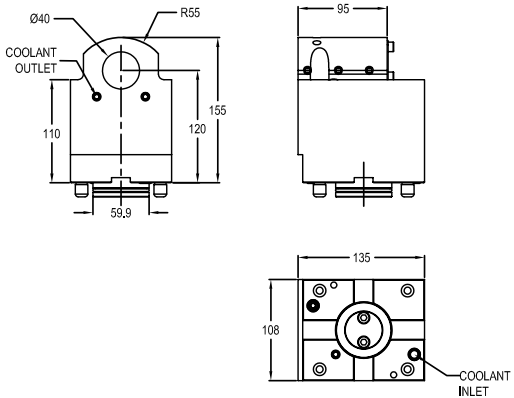
图纸：40
T17004



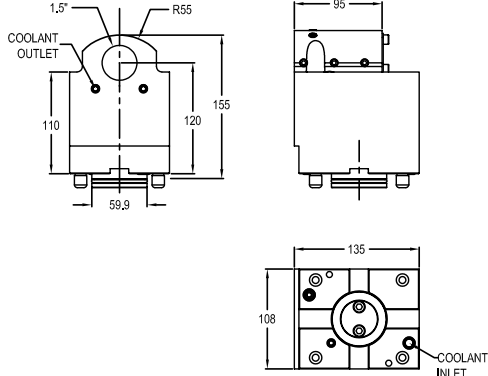
图纸：41
T17005



图纸：36
T13131



图纸：37
T13137





NL1500, NL2000, NL2500, NL3000
NT4200, NT4250, NT4300系列机床

NL系列 CAPTO固定刀座

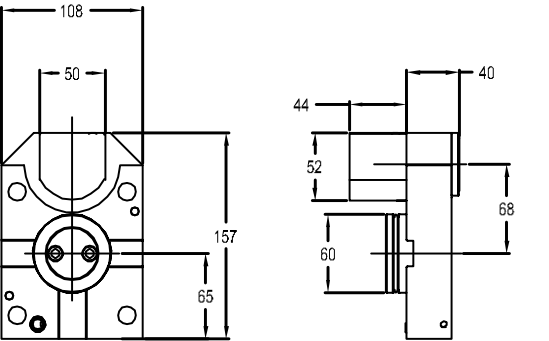
订货号	描述	图纸
C4-LCE-NL2000-0680405A	MORI NL-C4 OD TURN LH-FRONT SPINDLE MAX	42
C4-RCE-NL2000-0680405A	MORI NL-C4 OD TURN RH-FRONT SPINDLE MAX	42
C5-LCE-NL3000-086053A	MORI NL-C5 OD TURN LH - FRONT SPINDLE	43
C5-RCE-NL3000-086053A	MORI NL-C5 OD TURN RH - FRONT SPINDLE	43
C4-LCE-NL2000-061089A	MORI NL-C4 OD TURN LH - F/R SPINDLE	44
C4-RCE-NL2000-061089A	MORI NL-C4 OD TURN RH - F/R SPINDLE	44
C5-LCE-NL3000-076098A	MORI NL-C5 OD TURN LH - F/R SPINDLE	45
C5-RCE-NL3000-076098A	MORI NL-C5 OD TURN RH - F/R SPINDLE	45
C4-LCI-NL2000-080075A	MORI NL-C4 ID HOLDER LH - F/R SPINDLE	46
C4-RCI-NL2000-080075A	MORI NL-C4 ID HOLDER RH - F/R SPINDLE	46
C5-LCI-NL3000-080075A	MORI NL-C5 ID HOLDER LH-F/R SPINDLE	47
C5-RCI-NL3000-080075A	MORI NL-C5 ID HOLDER RH - F/R SPINDLE	47
C5-LCI-NL3000-080037A	MORI NL-C5 SET BACK LH I.D. HOLDER	48
C5-RCI-NL3000-080037A	MORI NL-C5 SET BACK RH I.D. HOLDER	48
C4-LCE-NL2000-061089ADT	MORI NL-C4 DLB OD TURN LH - F/R SPINDLE	49
C4-RCE-NL2000-061089ADT	MORI NL-C4 DLB OD TURN RH - F/R SPINDLE	49
C4-LCI-NL2000-125075ADT	MORI NL-C4 DBL ID HOLDER LH-F/R SPINDLE	50
C4-RCI-NL2000-125075ADT	MORI NL-C4 DBL ID HOLDER RH-F/R SPINDLE	50

NT系列 CAPTO固定刀座

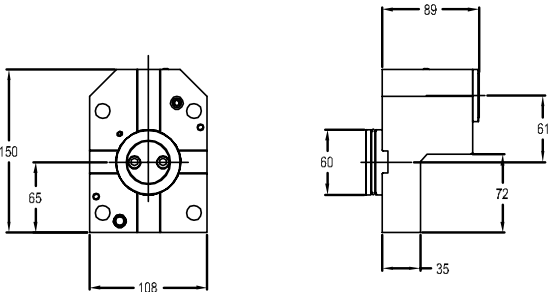
订货号	描述	图纸
C4-LCE-NL2000-0680405A	MORI NL-C4 OD TURN LH-FRONT SPINDLE MAX	42
C4-RCE-NL2000-0680405A	MORI NL-C4 OD TURN RH-FRONT SPINDLE MAX	42
C5-LCE-NL3000-086053A	MORI NL-C5 OD TURN LH - FRONT SPINDLE	43
C5-RCE-NL3000-086053A	MORI NL-C5 OD TURN RH - FRONT SPINDLE	43
C4-LCE-NL2000-061089A	MORI NL-C4 OD TURN LH - F/R SPINDLE	44
C4-RCE-NL2000-061089A	MORI NL-C4 OD TURN RH - F/R SPINDLE	44
C5-LCE-NL3000-076098A	MORI NL-C5 OD TURN LH - F/R SPINDLE	45
C5-RCE-NL3000-076098A	MORI NL-C5 OD TURN RH - F/R SPINDLE	45
C4-LCI-NT4200-120075A	MORI NL-C4 ID HOLDER LH F/R SPINDLE	51
C4-RCI-NT4200-120075A	MORI NL-C4 ID HOLDER RH-F/R SPINDLE	51
C5-LCI-NT4200-120075A	MORI NL-C5 ID HOLDER LH- F/R SPINDLE	52
C5-RCI-NT4200-120075A	MORI NL-C5 ID HOLDER RH- F/R SPINDLE	52
C5-LCI-NT4200-120037A	MORI NL-C5 SET BACK ID HLDR LH-F/R SPIN	53
C5-RCI-NT4200-120037A	MORI NL-C5 SET BACK ID HLDR RH-F/R SPIN	53
C4-LCE-NL2000-061089ADT	MORI NL-C4 DLB OD TURN LH - F/R SPINDLE	49
C4-RCE-NL2000-061089ADT	MORI NL-C4 DLB OD TURN RH - F/R SPINDLE	49
C4-LCI-NT4200-120075ADT	MORI NL-C4 DBL ID HOLDER LH-F/R SPINDLE	54



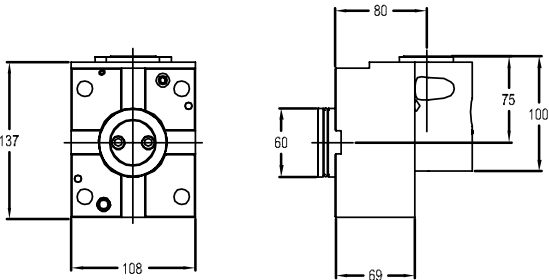
图纸：42
C4-L/RCE-NL2000-0680405A



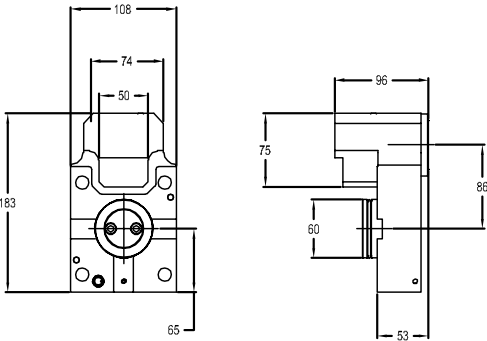
图纸：44
C4-L/RCE-NL2000-061089A



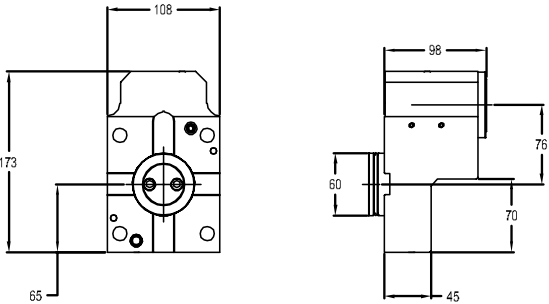
图纸：46
C4-L/RCI-NL2000-080075A



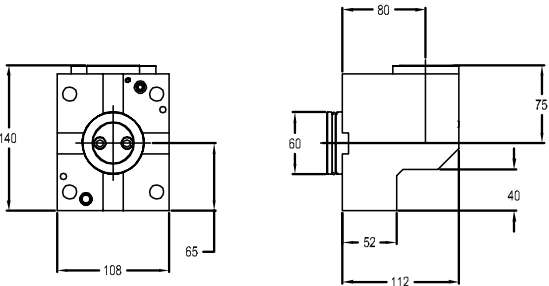
图纸：43
C5-L/RCE-NL3000-086053A



图纸：45
C5-L/RCE-NL3000-076098A

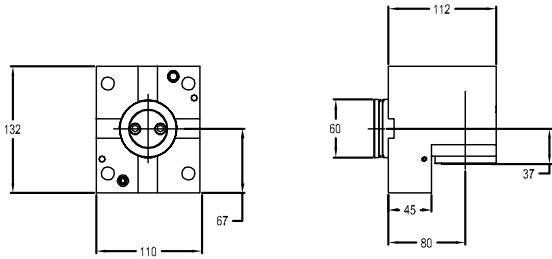


图纸：47
C5-L/RCI-NL3000-080075A

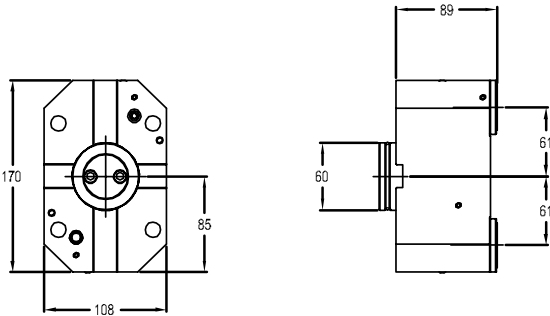




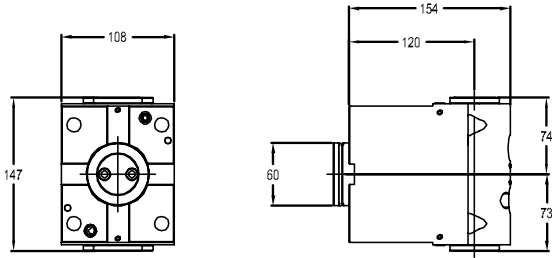
图纸：48
C5-L/RCI-NL3000-080037A



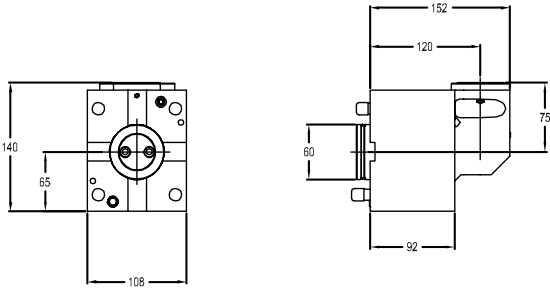
图纸：49
C4-L/RCE-NL2000-061089ADT



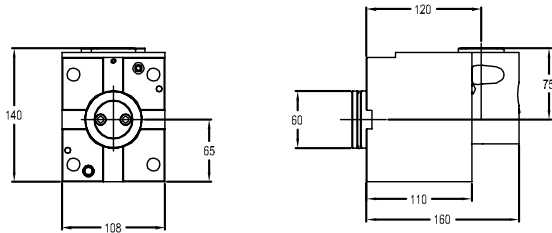
图纸：50
C4-L/RCE-NL2000-125075ADT



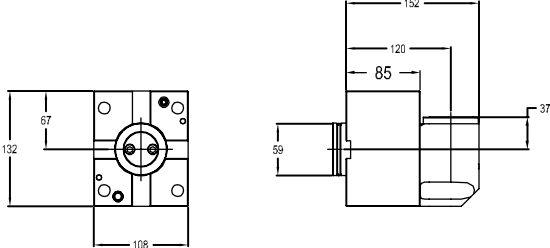
图纸：51
C5-L/RCI-NT4200-120075A



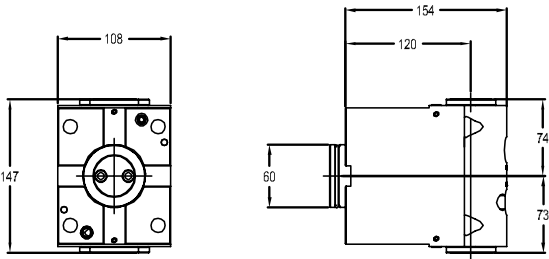
图纸：52
C4-L/RCI-NT4200-120075A



图纸：53
C5-L/RCI-NT4200-120037A



图纸：54
C4-L/RCI-NT4200-120075ADT



NL1500, NL2000, NL2500, NL3000
NT4200, NT4250, NT4300系列机床

衬套

订货号	描述
T20098	BORING BAR SLEEVE 40MM - 32MM
T20096	BORING BAR SLEEVE 40MM - 25MM
T20094	BORING BAR SLEEVE 40MM - 20MM
T20092	BORING BAR SLEEVE 40MM - 16MM
T20090	BORING BAR SLEEVE 40MM - 12MM
T20088	BORING BAR SLEEVE 40MM - 10MM
T20086	BORING BAR SLEEVE 40MM - 8MM
T20099	BORING BAR SLEEVE 1-1/2" - 1-1/4"
T20097	BORING BAR SLEEVE 1-1/2" - 1"
T20095	BORING BAR SLEEVE 1-1/2" - 3/4"
T20093	BORING BAR SLEEVE 1-1/2" - 5/8"
T20091	BORING BAR SLEEVE 1-1/2" - 1/2"
T20089	BORING BAR SLEEVE 1-1/2" - 3/8"
T20196	BORING BAR SLEEVE 40MM - 20MM
T20194	BORING BAR SLEEVE 40MM - 16MM
T20110	BORING BAR SLEEVE 40MM - 12MM
T20108	BORING BAR SLEEVE 40MM - 10MM
T20106	BORING BAR SLEEVE 40MM - 8MM
T20197	BORING BAR SLEEVE 1-1/2" - 3/4" (COOLANT THRU)
T20195	BORING BAR SLEEVE 1-1/2" - 5/8" (COOLANT THRU)
T20111	BORING BAR SLEEVE 1-1/2" - 1-1/4" (COOLANT THRU)
T20109	BORING BAR SLEEVE 1-1/2" - 3/8" (COOLANT THRU)
T20122	BORING BAR SLEEVE 32MM - 25MM
T20120	BORING BAR SLEEVE 32MM - 20MM
T20118	BORING BAR SLEEVE 32MM - 16MM
T20116	BORING BAR SLEEVE 32MM - 12MM

T20114	BORING BAR SLEEVE 32MM - 10MM
T20112	BORING BAR SLEEVE 32MM - 8MM
T20123	BORING BAR SLEEVE 1-1/4" - 1"
T20121	BORING BAR SLEEVE 1-1/4" - 3/4"
T20119	BORING BAR SLEEVE 1-1/4" - 5/8"
T20117	BORING BAR SLEEVE 1-1/4" - 1/2"
T20115	BORING BAR SLEEVE 1-1/4" - 3/8"
T22042	DRILL SOCKET 40MM - MT3
T22044	DRILL SOCKET 40MM - MT4
T22046	DRILL SOCKET 40MM - MT2
T22066	DRILL SOCKET 40MM - MT1
T22043	DRILL SOCKET 1-1/2" - MT3
T22045	DRILL SOCKET 1-1/2" - MT4
T22047	DRILL SOCKET 1-1/2" - MT2
T22067	DRILL SOCKET 1-1/2" - MT1
T22048	DRILL SOCKET 32MM - MT2
T22050	DRILL SOCKET 32MM - MT1
T22049	DRILL SOCKET 1-1/4" - MT2
T22051	DRILL SOCKET 1-1/4" - MT1
T20100	THROW-AWAY DRILL SOCKET 40MM - 32MM
T20102	THROW-AWAY DRILL SOCKET 40MM - 25MM
T20104	THROW-AWAY DRILL SOCKET 40MM - 20MM
T20190	THROW-AWAY DRILL SOCKET 40MM - 16MM
T20101	THROW-AWAY DRILL SOCKET 1-1/2" - 1-1/4"
T20103	THROW-AWAY DRILL SOCKET 1-1/2" - 1"
T20105	THROW-AWAY DRILL SOCKET 1-1/2" - 3/4"