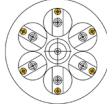
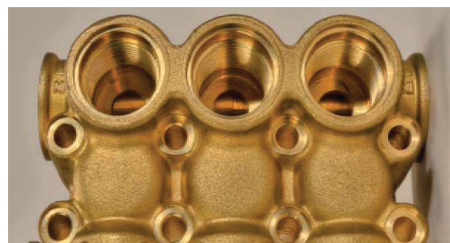




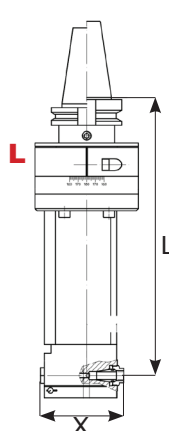
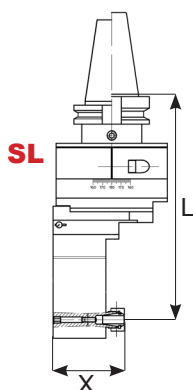
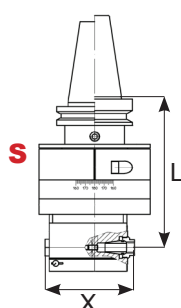
PROGRAMA

						
PAG. 4-9	PAG. 4-9	PAG. 10-16	PAG. 10-16	PAG. 17-18	PAG. 19-23	PAG. 24
						
PAG. 25-26	PAG. 25-26	PAG. 25-26	PAG. 25-26	PAG. 25-26	PAG. 25-26	PAG. 27
						
PAG. 28	PAG. 28	PAG. 28	PAG. 29	PAG. 29	PAG. 29	PAG. 30
						
PAG. 30	PAG. 30					

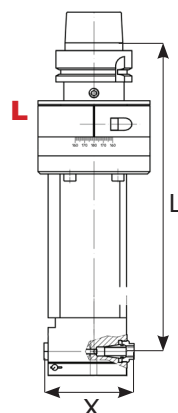
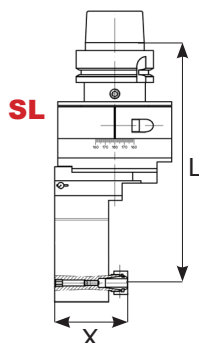
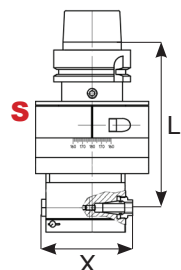


**Max. Taladro Ø 7
Max. Roscado M6**

Cabezal Angular 90° ER11
90° Angle Heads ER11



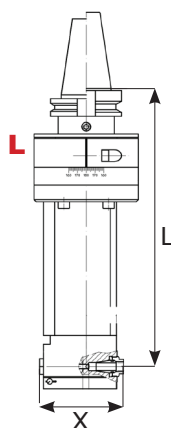
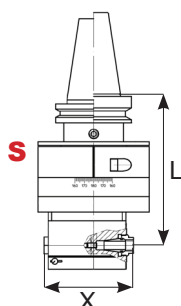
REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	Ø MIN AGUJERO
A11-SK40	S	69871-A	8000	1:1	3.5	ER11	122	74.8	78.5
A11-SK40-S183	SL		6000	1:1	5.0	ER11	183	59.6	65.0
A11-SK40-E244	L		8000	1:1	4.9	ER11	244	74.3	-
A11-BT40	S	MAS-BT	8000	1:1	3.5	ER11	128	74.8	78.5
A11-BT40-S189	SL		6000	1:1	5.0	ER11	189	59.6	65.0
A11-BT40-E250	L		8000	1:1	4.9	ER11	250	74.3	-
A11-SK50-S256	SL	69871-A	8000	1:1	3.5	ER11	256	59.6	65.0
A11-BT50-S270	SL	MAS-BT	8000	1:1	3.5	ER11	270	59.6	65.0



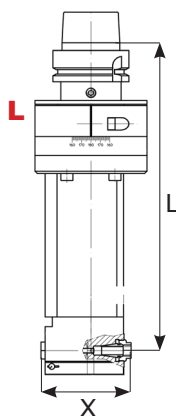
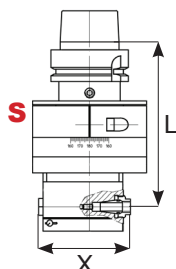
REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	Ø MIN AGUJERO
A11-HSK63	S	69893	8000	1:1	3.5	ER11	129	74.8	78.5
A11-HSK63-S190	SL		6000	1:1	5.0	ER11	190	59.6	65.0
A11-HSK63-E251	L		8000	1:1	4.9	ER11	251	74.3	65.0
A11-HSK100-S266	SL	69893	6000	1:1	8.0	ER11	266	59.6	65.0

Max. Taladro Ø 10
Max. Roscado M8

Cabezal Angular 90° ER16
90° Angle Heads ER16



REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	Ø MIN AGUJERO
A16-SK40	S	69871-A	7000	1:1	4.0	ER16	122	90	96.0
A16-SK40-E244	L		7000	1:1	5.5	ER16	244	92.7	95.0
A16-BT40	S	MAS-BT	7000	1:1	4.0	ER16	128	90	96.0
A16-BT40-E250	L		7000	1:1	5.5	ER16	250	92.7	95.0

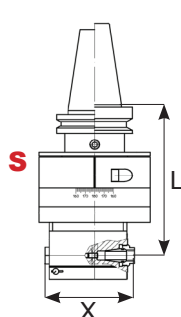


REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	Ø MIN AGUJERO
A16-HSK63	S	69893	7000	1:1	4.0	ER16	129	90	96.0
A16-HSK63-E251	L		7000	1:1	5.5	ER16	251	92.7	95.0

★ Soliciten plano de medidas

Max. Taladro Ø 13
Max. Roscado M10

Cabezal Angular 90° ER20
90° Angle Heads ER20

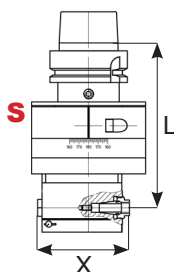


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360°

REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	Ø MIN AGUJERO
A20-SK40	S	69871-A	6000	1:1	4.1	ER20	122	92	99.0
A20-BT40	S	MAS-BT	6000	1:1	4.1	ER20	128	92	99.0



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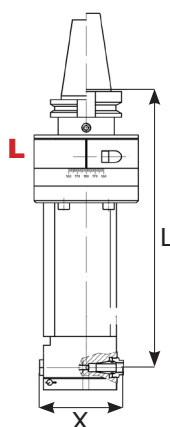
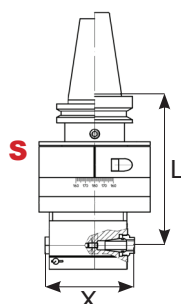
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A20-HSK63	S	69893	6000	1:1	4.1	ER20	129	92	99.0

★ Soliciten plano de medidas

**Max. Taladro Ø 16
Max. Roscado M12**

Cabezal Angular 90° ER25
90° Angle Heads ER25



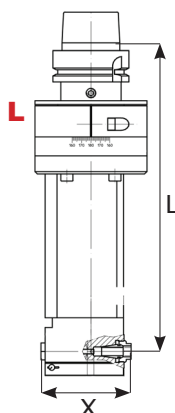
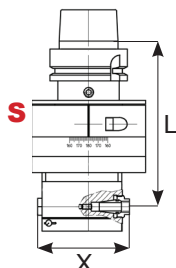
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360°



REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	Ø MIN AGUJERO
A25-SK40	S	69871-A	5000	1:1	4.5	ER25	122	111.5	121.0
A25-SK40-E220	L		5000	1:1	7.5	ER25	220	111.5	116.5
A25-BT40	S	MAS-BT	5000	1:1	4.5	ER25	128	111.5	121.0
A25-BT40-E226	L		5000	1:1	7.5	ER25	226	111.5	116.5
A25-SK50	S	69871-A	5000	1:1	9.2	ER25	145	112	122.0
A25-SK50-E246	L		5000	1:1	11.3	ER25	246	111.5	116.5
A25-BT50	S	MAS-BT	5000	1:1	9.2	ER25	159	112	122.0
A25-BT50-E260	L		5000	1:1	11.3	ER25	260	111.5	116.5



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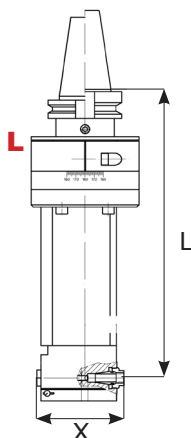
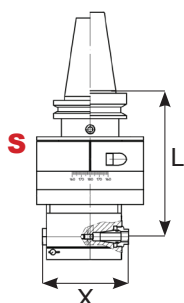
360°



REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	Ø MIN AGUJERO
A25-HSK63	S	69893	5000	1:1	4.5	ER25	129	111.5	121
A25-HSK63-E227	L		5000	1:1	7.5	ER25	227	111.5	116.5
A25-HSK100	S	69893	5000	1:1	9.2	ER25	155	112	122
A25-HSK100-E256	L		5000	1:1	11.3	ER25	256	111.5	116.5

Max. Taladro Ø 20
Max. Roscado M14

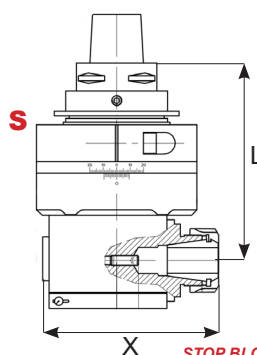
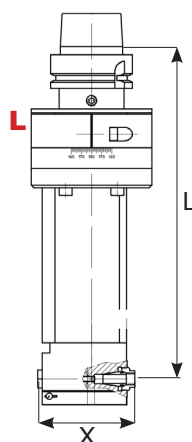
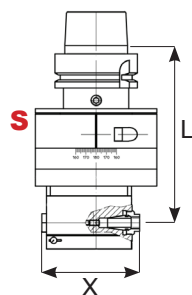
Cabezal Angular 90° ER32
90° Angle Heads ER32



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360°

REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	Ø MIN AGUJERO
A32-SK40	S	69871-A	4000	1:1	7.0	ER32	129	138	-
A32-BT40	S	MAS-BT	4000	1:1	7.0	ER32	135	138	-
A32-SK50	S	69871-A	4000	1:1	11.2	ER32	152	138	146.5
A32-SK50-E240	L		4000	1:1	15.7	ER32	240	138	146.5
A32-BT50	S	MAS-BT	4000	1:1	11.2	ER32	166	138	146.5
A32-BT50-E254	L		4000	1:1	15.7	ER32	254	138	146.5



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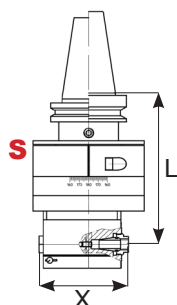


360°

REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	Ø MIN AGUJERO
A32-HSK63	S	69893	4000	1:1	7.0	ER32	136	138	-
A32-HSK100	S	69893	4000	1:1	11.2	ER32	162	138	146.5
A32-HSK100-E250	L		4000	1:1	15.7	ER32	250	138	146.5
A32-C6	C6	26623-1	4000	1:1	11.2	ER32	155	138	146.5

Max. Taladro Ø 26
Max. Roscado M20

Cabezal Angular 90° ER40
90° Angle Heads ER40



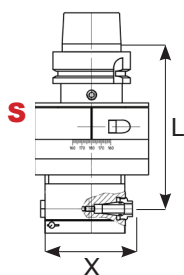
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360°



REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	Ø MIN AGUJERO
A40-SK50	S	69893	3500	1:1	14.6	ER40	148	182.30	187
A40-BT50	S	69893	3500	1:1	14.6	ER40	162	182.30	187



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360°

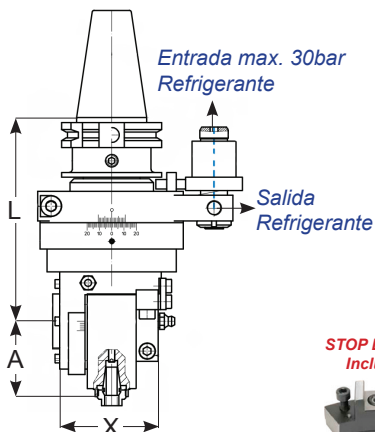
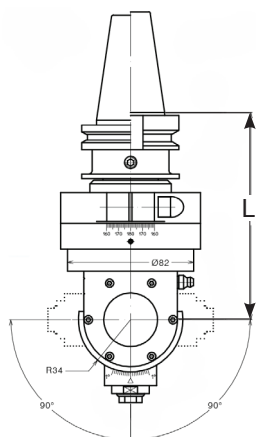


17

REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	Ø MIN AGUJERO
A40-HSK100	S	69893	3500	1:1	14.6	ER40	158	182.30	187

Max. Taladro Ø 7
Max. Roscado M6

Cabezal Angular Multiposición ER11
Tilting heads ER11



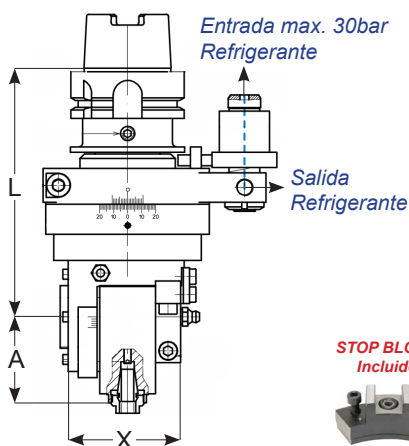
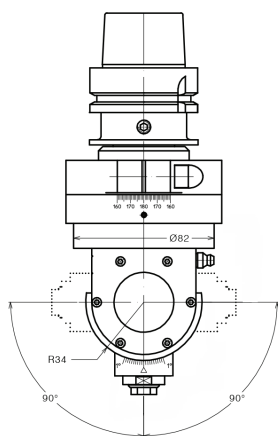
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360°

REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	A
T11-SK40	S	69871-A	12000	1:1	4.1	ER11	130	62.5	48.0
T11-BT40	S	MAS-BT	12000	1:1	4.1	ER11	135	62.5	48.0

17



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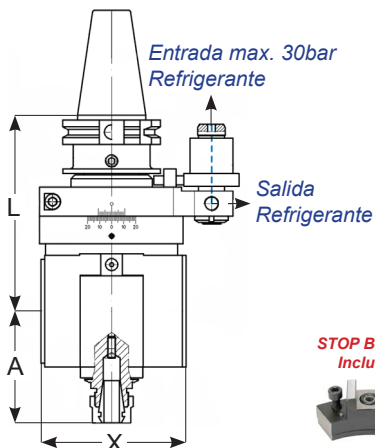
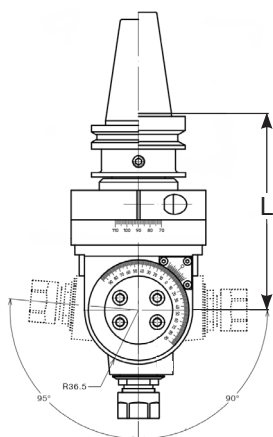
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REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	A
T11-HSK63	S	69893	12000	1:1	4.1	ER11	137	62.5	48

★ Soliciten plano de medidas

Max. Taladro Ø 10
Max. Roscado M8

Cabezal Angular Multiposición ER16
Tilting heads ER16



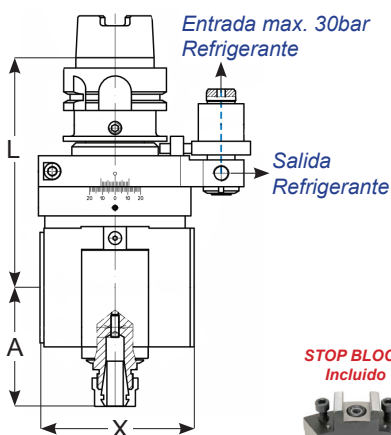
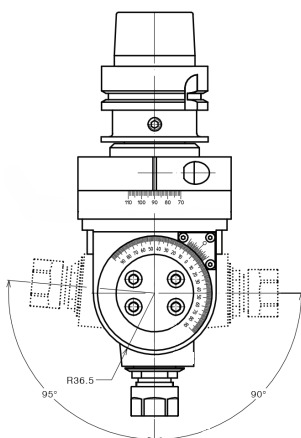
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360°



REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	A
T16-SK40	S	69871-A	12000	1:1	4.0	ER16	128	94.5	73.0
T16-BT40	S	MAS-BT	12000	1:1	4.0	ER16	133	94.5	73.0



STOP BLOCK
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360°

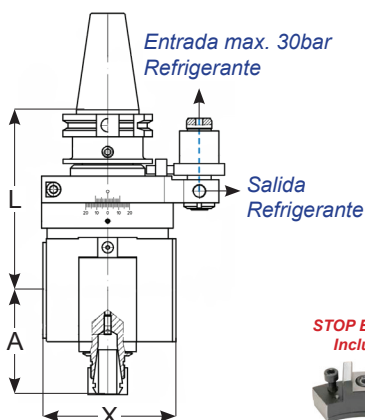
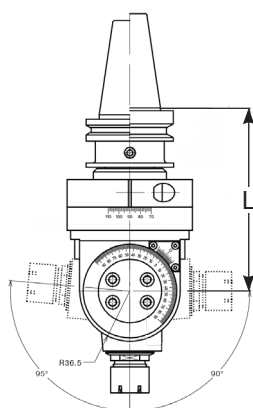


REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	A
T16-HSK63	S	69893	12000	1:1	4.0	ER16	135	94.5	73

★ Soliciten plano de medidas

Max. Taladro Ø 13
Max. Roscado M10

Cabezal Angular Multiposición ER20
Tilting heads ER20



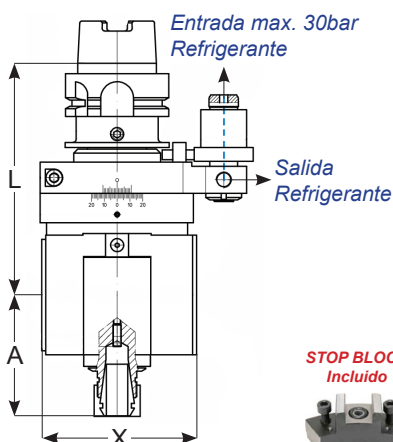
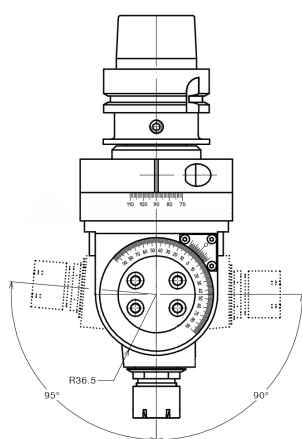
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360°

REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	A
T20-SK40	S	69871-A	12000	1:1	5.0	ER20	128	94.5	74
T20-BT40	S	MAS-BT	12000	1:1	5.0	ER20	133	94.5	74

17



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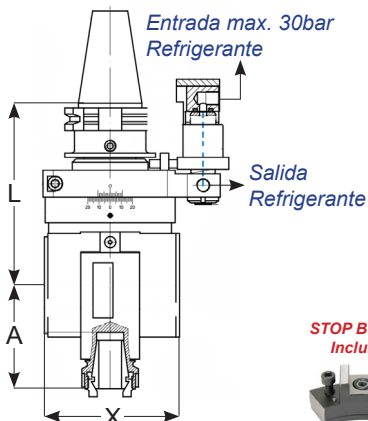
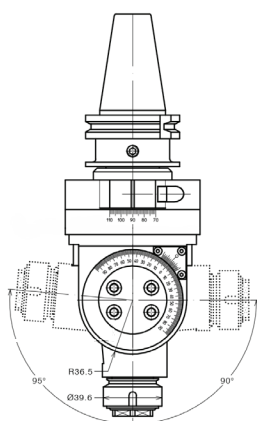
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REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	A
T20-HSK63	S	69893	12000	1:1	5.0	ER20	135	94.5	74

★ Soliciten plano de medidas

Max. Taladro Ø 16
Max. Roscado M12

Cabezal Angular Multiposición ER25
Tilting heads ER25



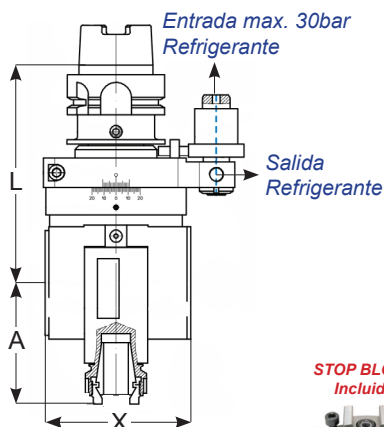
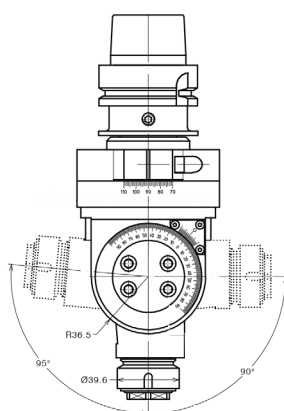
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360°



REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	A
T25-SK40	S	69871-A	5000	1:1	5.0	ER25	128	94.5	73
T25-BT40	S	MAS-BT	5000	1:1	5.0	ER25	128	94.5	73



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360°

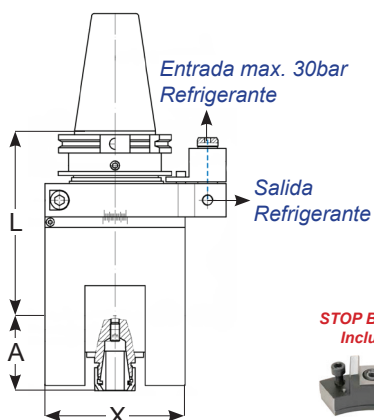
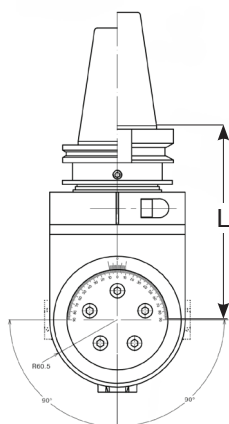


REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	A
T25-HSK63	S	69893	5000	1:1	5.0	ER25	135	94.5	73

★ Soliciten plano de medidas

Max. Taladro Ø 16
Max. Roscado M12

Cabezal Angular Multiposición ER25
Tilting heads ER25



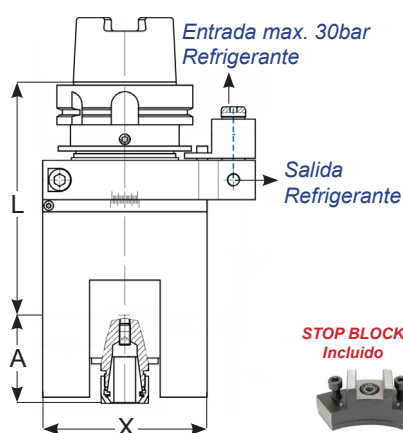
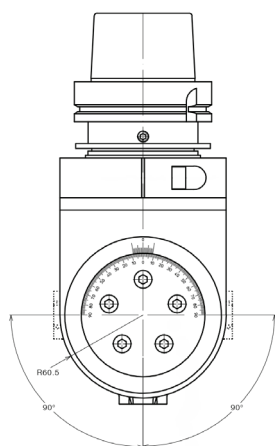
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360°

REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	A
T25-SK50	S	69871-A	4000	1:1	13.0	ER25	160	121	65
T25-BT50	S	MAS-BT	4000	1:1	13.0	ER25	174	121	65

17



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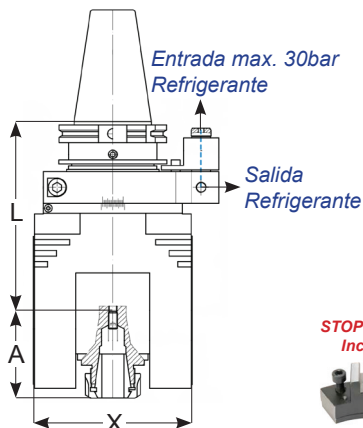
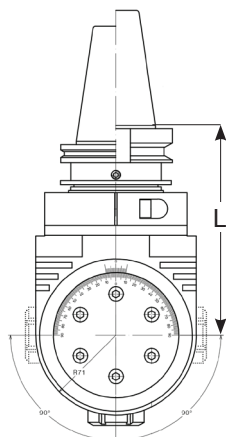
360°

REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	A
T25-HSK100	S	69893	4000	1:1	13.0	ER25	170	121	65

★ Soliciten plano de medidas

Max. Taladro Ø 20
Max. Roscado M14

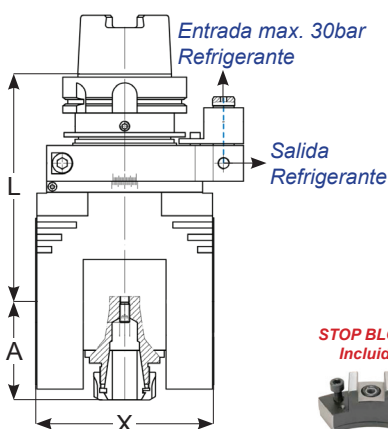
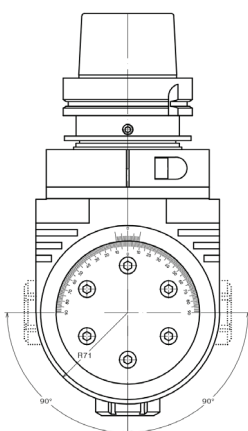
Cabezal Angular Multiposición ER32
Tilting heads ER32



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Incluido



REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	A
T32-SK50	S	69871-A	3000	1:1	17.0	ER32	172	144	110
T32-BT50	S	MAS-BT	3000	1:1	17.0	ER32	186	144	110



STOP BLOCK
Incluido

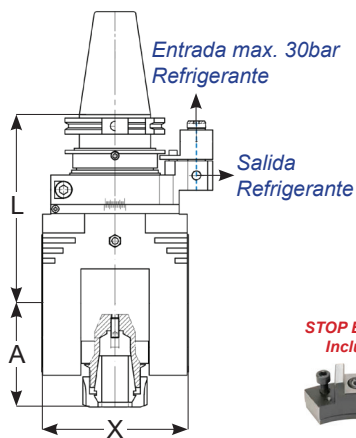
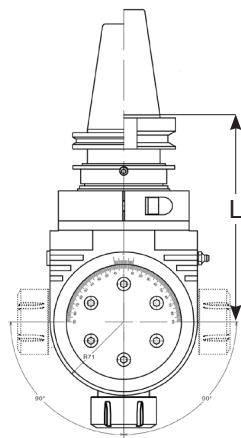


REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	A
T32-HSK100	S	69893	3000	1:1	17.0	ER32	182	144	110

★ Soliciten plano de medidas

Max. Taladro Ø 26
Max. Roscado M20

Cabezal Angular Multiposición ER40
Tilting heads ER40



STOP BLOCK
Incluido

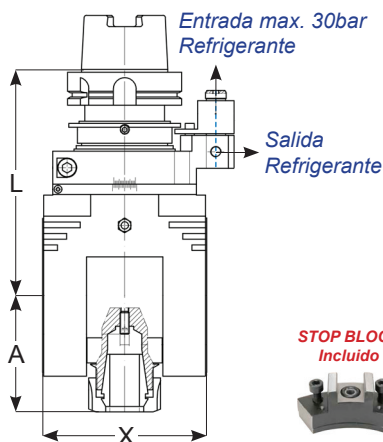
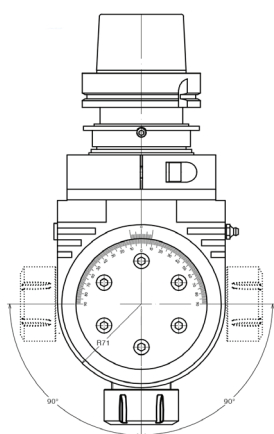


360°



REFERENCIA	TIPO	ISO	RPM MAX	RATIO	Kg		L	X	A
T40-SK50	S	69871-A	3000	1:1	17.0	ER40	186	144	102.30
T40-BT50	S	MAS-BT	3000	1:1	17.0	ER40	200	144	102.30

17



STOP BLOCK
Incluido



360°

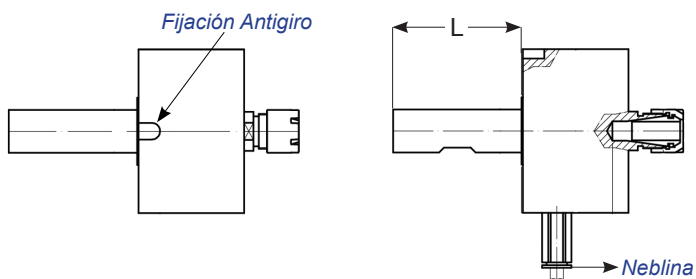


REFERENCIA	TIPO	DIN	RPM MAX	RATIO	Kg		L	X	A
T40-HSK100	S	69893	3000	1:1	17.0	ER40	196	144	102.30

★ Soliciten plano de medidas

Máximo Ø 7

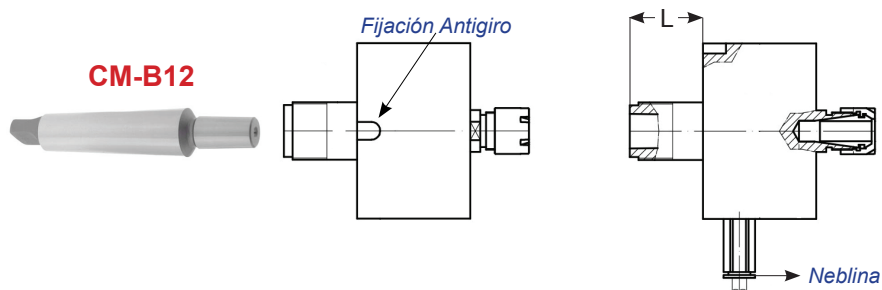
Multiplificador de Giro ER11
Speed Increaser Type ER11



REFERENCIA	ENGRASE	RPM MIN	RPM MAX	RATIO	Kg		Kw	L
M11W-16	PERMANENTE	1500	7500	1:5	0.7	ER11	0.6	48
M11W-16M	NEBLINA	2000	10000	1:5	0.7	ER11	0.6	48

Máximo Ø 7

Multiplificador de Giro ER11
Speed Increaser Type ER11

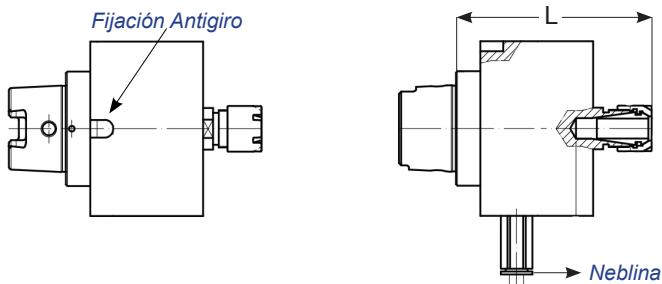


REFERENCIA	ENGRASE	RPM MIN	RPM MAX	RATIO	Kg		Kw	L
M11B-12	PERMANENTE	1500	7500	1:5	0.6	ER11	0.6	25.5
M11B-12M	NEBLINA	2000	10000	1:5	0.6	ER11	0.6	25.5

★ Soliciten plano de medidas

Máximo Ø 7

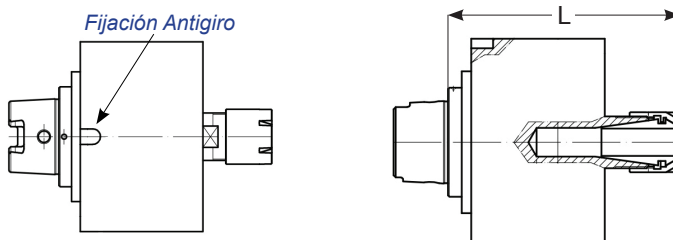
Multiplicador de Giro ER11
Speed Increaser Type ER11



REFERENCIA	ENGRASE	RPM MIN	RPM MAX	RATIO	Kg		Kw	L
M11-HSK40	PERMANENTE	1500	7500	1:5	0.8	ER11	0.6	68.5
M11-HSK40M	NEBLINA	2000	10000	1:5	0.8	ER11	0.6	68.5

Máximo Ø 10

Multiplicador de Giro ER16
Speed Increaser Type ER16

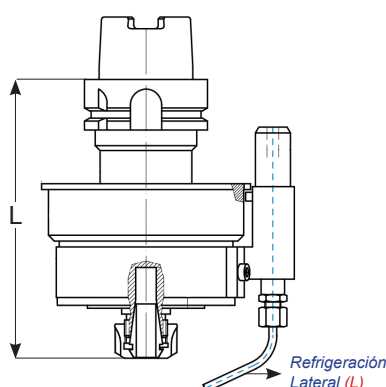
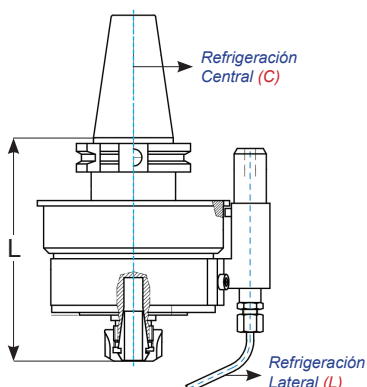


REFERENCIA	ENGRASE	RPM MIN	RPM MAX	RATIO	Kg		Kw	L
M16-HSK40	PERMANENTE	3000	9000	1:3	1.1	ER16	1.2	85

★ Soliciten plano de medidas

Máximo Ø 10

Multiplicador de Giro ER16
Speed Increaser Type ER16



STOP BLOCK
Incluido



TC40 / TC50 / BT40 / BT50

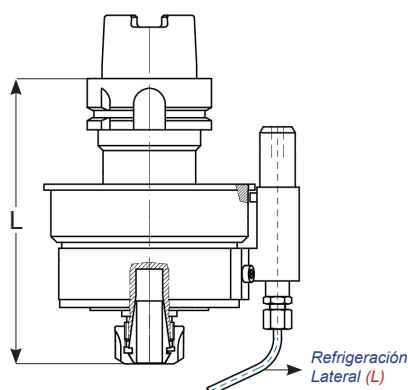
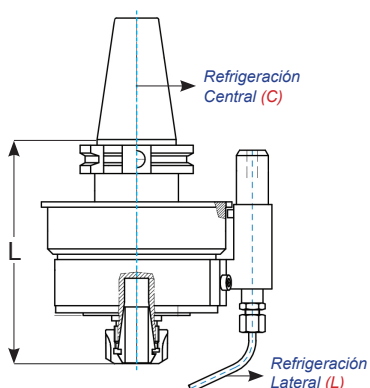
REFERENCIA	ISO	CONO	R	RPM MIN	RPM MAX	RATIO			Kw	L
M16-SK40	40	69871-A	L	4000	19200	1:4.8	ACERO	ER16	1.7	124.6
M16-SK40C	40	69871-A	L	4000	24000	1:4.8	CERAMICO	ER16	1.7	124.6
M16-SK40R	40	69871-A	C	4000	19200	1:4.8	ACERO	ER16	1.7	124.6
M16-SK40RC	40	69871-A	C	4000	24000	1:4.8	CERAMICO	ER16	1.7	124.6
M16-BT40	40	MAS-BT	L	4000	19200	1:4.8	ACERO	ER16	1.7	124.6
M16-BT40C	40	MAS-BT	L	4000	24000	1:4.8	CERAMICO	ER16	1.7	124.6
M16-BT40R	40	MAS-BT	C	4000	19200	1:4.8	ACERO	ER16	1.7	124.6
M16-BT40RC	40	MAS-BT	C	4000	24000	1:4.8	CERAMICO	ER16	1.7	124.6
M16-SK50	50	69871-A	L	4000	19200	1:4.8	ACERO	ER16	1.7	124.6
M16-SK50C	50	69871-A	L	4000	24000	1:4.8	CERAMICO	ER16	1.7	124.6
M16-BT50	50	MAS-BT	L	4000	19200	1:4.8	ACERO	ER16	1.7	132.1
M16-BT50C	50	MAS-BT	L	4000	24000	1:4.8	CERAMICO	ER16	1.7	132.1

HSK63-A / HSK80-A / HSK100A

REFERENCIA	HSK	DIN	R	RPM MIN	RPM MAX	RATIO			Kw	L
M16-HSK63	63-A	69893	L	4000	19200	1:4.8	ACERO	ER16	1.7	143.1
M16-HSK63C	63-A	69893	L	4000	24000	1:4.8	CERAMICO	ER16	1.7	143.1
M16-HSK80	80-A	69893	L	4000	19200	1:4.8	ACERO	ER16	1.7	145.6
M16-HSK80C	80-A	69893	L	4000	24000	1:4.8	CERAMICO	ER16	1.7	145.6
M16-HSK100	100-A	69893	L	4000	19200	1:4.8	ACERO	ER16	1.7	145.6
M16-HSK100C	100-A	69893	L	4000	24000	1:4.8	CERAMICO	ER16	1.7	145.6

Máximo Ø 13

Multiplicador de Giro ER20
Speed Inzeaser Type ER20



STOP BLOCK
Incluido



TC40 / TC50 / BT40 / BT50

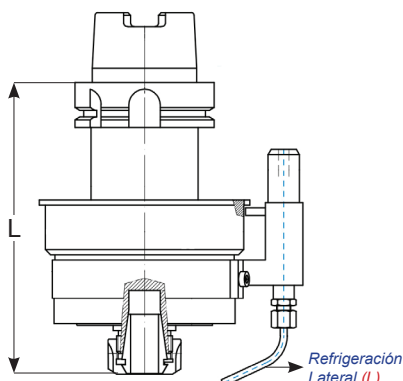
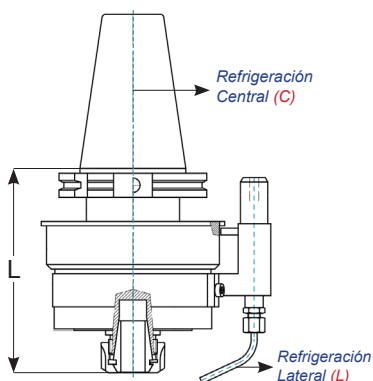
REFERENCIA	ISO	CONO	R	RPM MIN	RPM MAX	RATIO			Kw	L
M20-SK40	40	69871-A	L	3200	15360	1:4.8	ACERO	ER20	1.7	126
M20-SK40C	40	69871-A	L	3200	19200	1:4.8	CERAMICO	ER20	1.7	126
M20-SK40R	40	69871-A	C	3200	15360	1:4.8	ACERO	ER20	1.7	126
M20-SK40RC	40	69871-A	C	3200	19200	1:4.8	CERAMICO	ER20	1.7	126
M20-BT40	40	MAS-BT	L	3200	15360	1:4.8	ACERO	ER20	1.7	126
M20-BT40C	40	MAS-BT	L	3200	19200	1:4.8	CERAMICO	ER20	1.7	126
M20-BT40R	40	MAS-BT	C	3200	15360	1:4.8	ACERO	ER20	1.7	126
M20-BT40RC	40	MAS-BT	C	3200	19200	1:4.8	CERAMICO	ER20	1.7	126
M20-SK50	50	69871-A	L	3200	15360	1:4.8	ACERO	ER20	1.7	126
M20-SK50C	50	69871-A	L	3200	19200	1:4.8	CERAMICO	ER20	1.7	126
M20-BT50	50	MAS-BT	L	3200	15360	1:4.8	ACERO	ER20	1.7	133.5
M20-BT50C	50	MAS-BT	L	3200	19200	1:4.8	CERAMICO	ER20	1.7	133.5

HSK63-A / HSK80-A / HSK100A

REFERENCIA	HSK	DIN	R	RPM MIN	RPM MAX	RATIO			Kw	L
M20-HSK63	63-A	69893	L	3200	15360	1:4.8	ACERO	ER20	1.7	144.5
M20-HSK63C	63-A	69893	L	3200	19200	1:4.8	CERAMICO	ER20	1.7	144.5
M20-HSK80	80-A	69893	L	3200	15360	1:4.8	ACERO	ER20	1.7	147
M20-HSK80C	80-A	69893	L	3200	19200	1:4.8	CERAMICO	ER20	1.7	147
M20-HSK100	100-A	69893	L	3200	15360	1:4.8	ACERO	ER20	1.7	147
M20-HSK100C	100-A	69893	L	3200	19200	1:4.8	CERAMICO	ER20	1.7	147

Máximo Ø 16

Multiplicador de Giro ER25
Speed Increaser Type ER25



STOP BLOCK
Incluido



TC50 / BT50

REFERENCIA	ISO	CONO	R	RPM MIN	RPM MAX	RATIO			Kw	L
M25-SK50	50	69871-A	L	2500	12000	1:4.8	ACERO	ER25	3.6	135
M25-SK50C	50	69871-A	L	2500	15000	1:4.8	CERAMICO	ER25	3.6	135
M25-BT50	50	MAS-BT	L	2500	12000	1:4.8	ACERO	ER25	3.6	142.5
M25-BT50C	50	MAS-BT	L	2500	15000	1:4.8	CERAMICO	ER25	3.6	142.5
M25-SK50R	50	69871-A	C	2500	12000	1:4.8	ACERO	ER25	3.6	135
M25-SK50RC	50	69871-A	C	2500	15000	1:4.8	CERAMICO	ER25	3.6	135
M25-BT50R	50	MAS-BT	C	2500	12000	1:4.8	ACERO	ER25	3.6	142.5
M25-BT50RC	50	MAS-BT	C	2500	15000	1:4.8	CERAMICO	ER25	3.6	142.5

HSK80-A

REFERENCIA	HSK	DIN	R	RPM MIN	RPM MAX	RATIO			Kw	L
M25-HSK80	80-A	69893	L	2500	12000	1:4.8	ACERO	ER25	3.6	167.5
M25-HSK80C	80-A	69893	L	2500	15000	1:4.8	CERAMICO	ER25	3.6	167.5

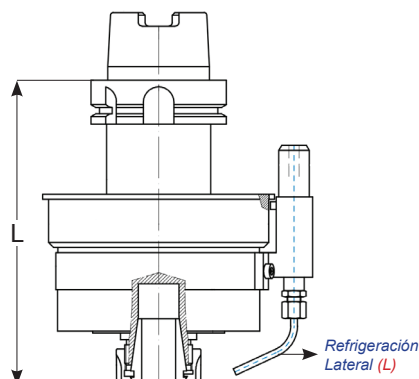
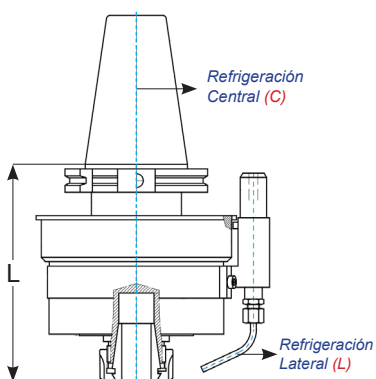
HSK100-A

REFERENCIA	HSK	DIN	R	RPM MIN	RPM MAX	RATIO			Kw	L
M25-HSK100	100-A	69893	L	2500	12000	1:4.8	ACERO	ER25	3.6	167.5
M25-HSK100C	100-A	69893	L	2500	15000	1:4.8	CERAMICO	ER25	3.6	167.5

★ Soliciten plano de medidas

Máximo Ø 20

Multiplicador de Giro ER32
Speed Inzeaser Type ER32



STOP BLOCK
Incluido



TC50 / BT50

REFERENCIA	ISO	CONO	R	RPM MIN	RPM MAX	RATIO			Kw	L
M32-SK50	50	69871-A	L	2000	9600	1:4.8	ACERO	ER32	4.4	149
M32-SK50C	50	69871-A	L	2000	12000	1:4.8	CERAMICO	ER32	4.4	149
M32-BT50	50	MAS-BT	L	2000	9600	1:4.8	ACERO	ER32	4.4	156.5
M32-BT50C	50	MAS-BT	L	2000	12000	1:4.8	CERAMICO	ER32	4.4	156.5
M32-SK50R	50	69871-A	C	2000	9600	1:4.8	ACERO	ER32	4.4	149
M32-SK50RC	50	69871-A	C	2000	12000	1:4.8	CERAMICO	ER32	4.4	149
M32-BT50R	50	MAS-BT	C	2000	9600	1:4.8	ACERO	ER32	4.4	156.5
M32-BT50RC	50	MAS-BT	C	2000	12000	1:4.8	CERAMICO	ER32	4.4	156.5

HSK80-A

REFERENCIA	HSK	DIN	R	RPM MIN	RPM MAX	RATIO			Kw	L
M32-HSK80	80-A	69893	L	2000	9600	1:4.8	ACERO	ER32	4.4	181.5
M32-HSK80C	80-A	69893	L	2000	12000	1:4.8	CERAMICO	ER32	4.4	181.5

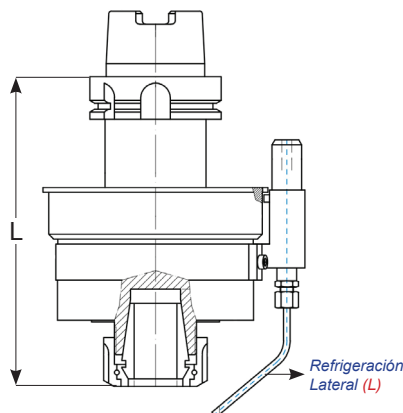
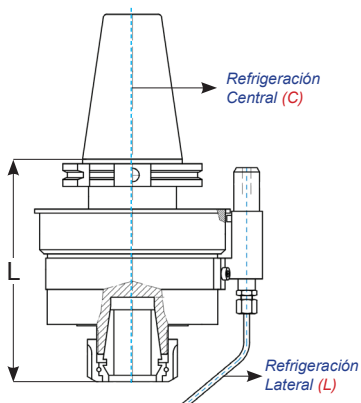
HSK100-A

REFERENCIA	HSK	DIN	R	RPM MIN	RPM MAX	RATIO			Kw	L
M32-HSK100	100-A	69893	L	2000	9600	1:4.8	ACERO	ER32	4.4	181.5
M32-HSK100C	100-A	69893	L	2000	12000	1:4.8	CERAMICO	ER32	4.4	181.5

★ Soliciten plano de medidas

Máximo Ø 26

Multiplificador de Giro ER40
Speed Increaser Type ER40



STOP BLOCK
Incluido



TC50 / BT50

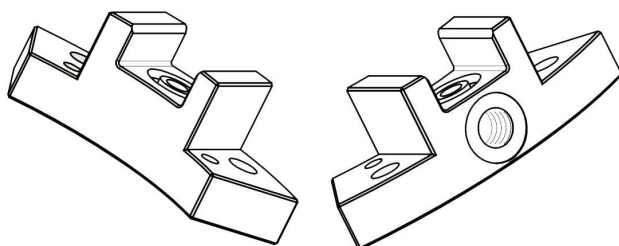
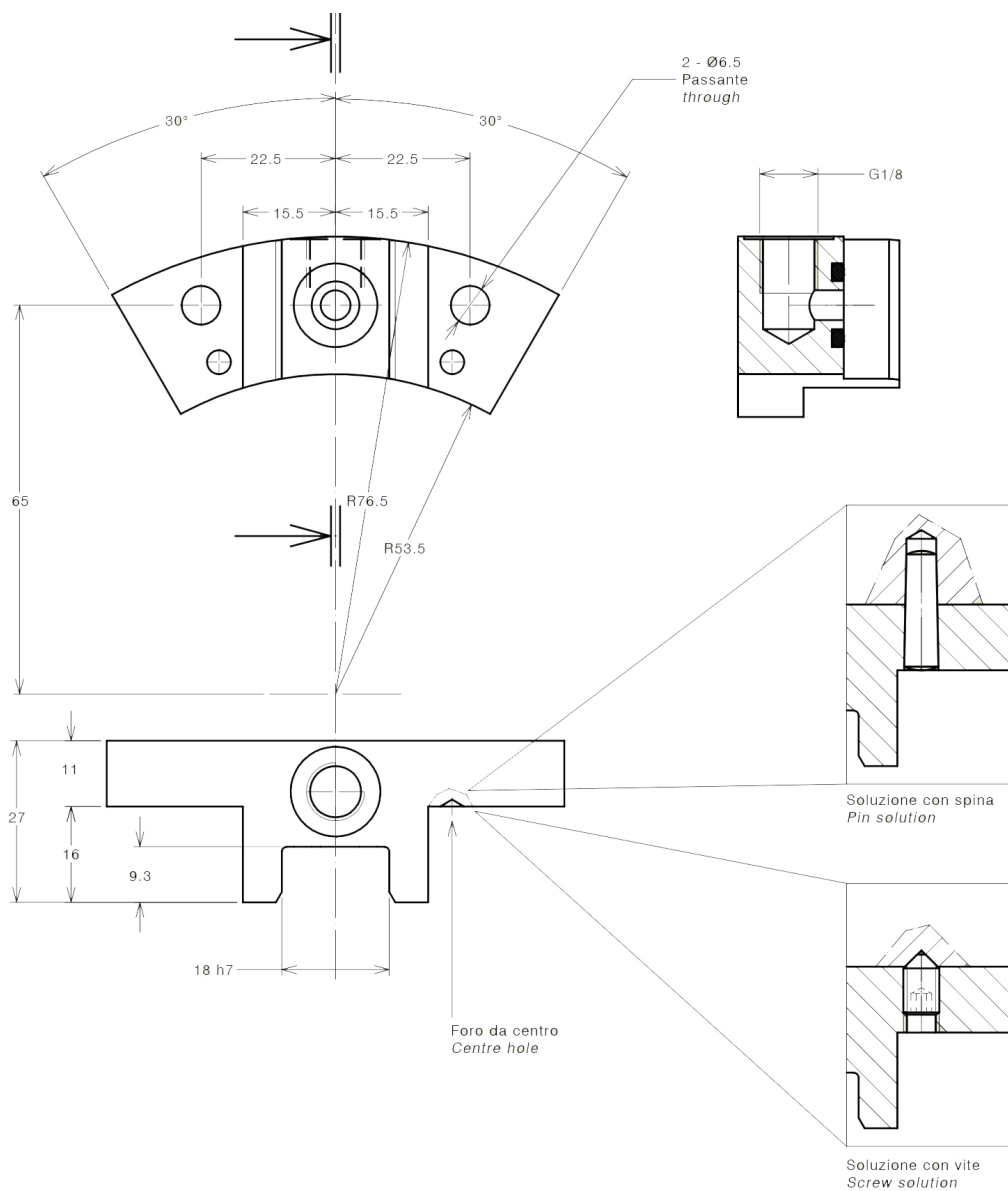
REFERENCIA	ISO	CONO	R	RPM MIN	RPM MAX	RATIO			Kw	L
M40-SK50	50	69871-A	L	2000	9600	1:4.8	ACERO	ER40	4.4	156.3
M40-SK50R	50	69871-A	C	2000	9600	1:4.8	ACERO	ER40	4.4	156.3
M40-BT50	50	MAS-BT	L	2000	9600	1:4.8	ACERO	ER40	4.4	163.8
M40-BT50R	50	MAS-BT	C	2000	9600	1:4.8	ACERO	ER40	4.4	163.8

HSK80-A

REFERENCIA	HSK	DIN	R	RPM MIN	RPM MAX	RATIO			Kw	L
M40-HSK80	80-A	69893	L	2000	9600	1:4.8	ACERO	ER40	4.4	188.8

HSK100-A

REFERENCIA	HSK	DIN	R	RPM MIN	RPM MAX	RATIO			Kw	L
M40-HSK100	100-A	69893	L	2000	9600	1:4.8	ACERO	ER40	4.4	188.8





Cabezales Múltiples Ajustables de Taladrado Heads with Adjustable distance between the axis

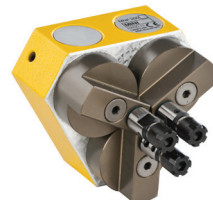
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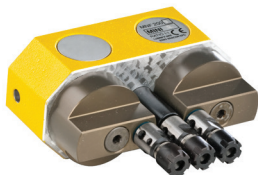
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C



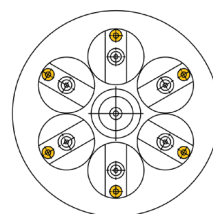
D



E



F



Máximo Taladro Ø 5

REFERENCIA	FIG	PORTAS	PINZA	Ø MINIMO	Ø MAXIMO
MINI 1	A	1	ER8	0 mm	28 mm
MINI 2	B	2	ER8	13.5 mm	69.5 mm
MINI 3	C	3	ER8	19.9 mm	75.9 mm
MINI 3L	D	3	ER8	27 mm	83 mm
MINI 4	E	4	ER8	30.7 mm	86.7 mm
MINI 7	F	7	ER8	56 mm	112 mm

Máximo Taladro Ø 7

REFERENCIA	FIG	PORTAS	PINZA	Ø MINIMO	Ø MAXIMO
801M	A	1	ER11	0 mm	56 mm
801	B	2	ER11	18 mm	130 mm
803	C	3	ER11	29.5 mm	141.5 mm
812	D	3	ER11	36 mm	148 mm
811	E	4	ER11	49 mm	161 mm
801-7	F	7	ER11	94 mm	206 mm

Cabezales Múltiples Ajustables de Taladrado Heads with Adjustable distance between the axis

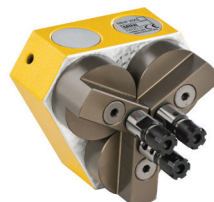
A



B



C



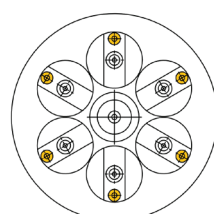
D



E



F



Máximo Taladro Ø 10

REFERENCIA	FIG	PORTAS	PINZA	Ø MINIMO	Ø MAXIMO
802M	A	1	ER16	0 mm	53 mm
802	B	2	ER16	24 mm	124 mm
807	B	2	ER16	48.5 mm	148.5 mm
804	C	3	ER16	35.5 mm	135.5 mm
806	D	3	ER16	24.25 mm	148.5 mm
805	E	4	ER16	55 mm	155 mm
802-7	F	7	ER16	100 mm	200 mm

Máximo Taladro Ø 13

REFERENCIA	FIG	PORTAS	PINZA	Ø MINIMO	Ø MAXIMO
821	A	1	ER20	0 mm	53 mm
822	B	2	ER20	29 mm	135 mm
823	C	3	ER20	42 mm	148 mm
823L	D	3	ER20	63 mm	169 mm
824	E	4	ER20	63 mm	169 mm

Máximo Taladro Ø 16

REFERENCIA	FIG	PORTAS	PINZA	Ø MINIMO	Ø MAXIMO
115PM	A	1	ER25	0 mm	64 mm
115P	B	2	ER25	37 mm	165 mm
116P	C	3	ER25	53 mm	181 mm
119P	D	3	ER25	79 mm	207 mm
117P	E	4	ER25	79 mm	207 mm

Cabezales Múltiples Ajustables de Fresado
Milling heads with Adjustable distance between the axis

A



Máximo Fresado Ø 13

REFERENCIA	FIG	PORTAS	PINZA	Ø MINIMO	Ø MAXIMO
902	A	2	ER20	37.5 mm	169.5 mm

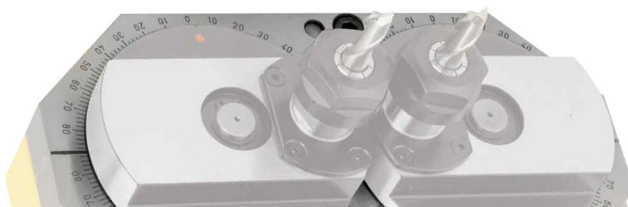
Máximo Fresado Ø 16

REFERENCIA	FIG	PORTAS	PINZA	Ø MINIMO	Ø MAXIMO
901	A	2	ER25	45 mm	201 mm

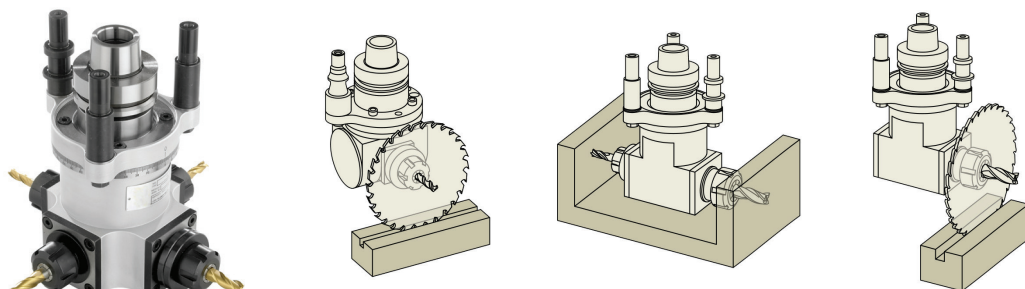
Máximo Fresado Ø 20

REFERENCIA	FIG	PORTAS	PINZA	Ø MINIMO	Ø MAXIMO
903	A	2	ER32	52 mm	214 mm

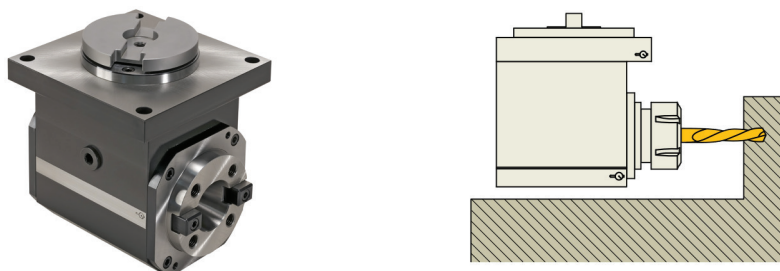
★ Soliciten plano de medidas



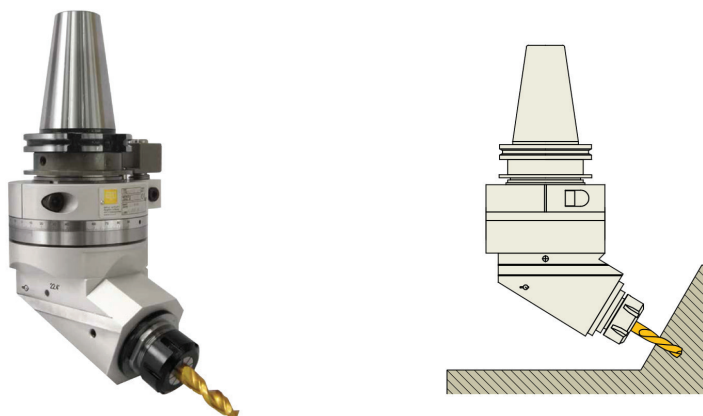
Cabecal Angular para Madera
Angle heads Wood Line



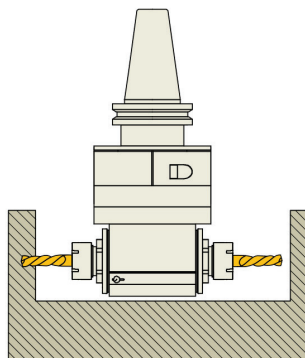
Cabecal Angular 90° Fresado
90° Angle milling heads for unit



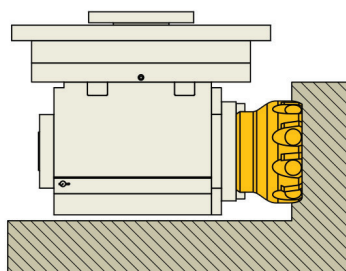
Cabecal Fijo Sistema Modular
Fixed Angle heads modular system



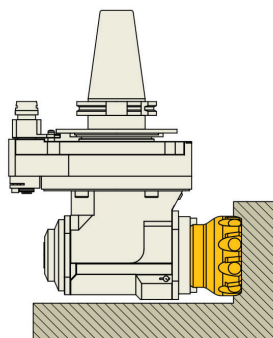
Cabezal Angular 90° Doble
90° Double Exit Angle Heads



Cabezal Angular 90°
90° Angle heads for unit



Cabezal Angular 90° Fresado
90° Angle millin heads



Cabecal Pendular
Pendulum heads



Torreta Revolver
Torret heads



Cabecal especial
Special heads

