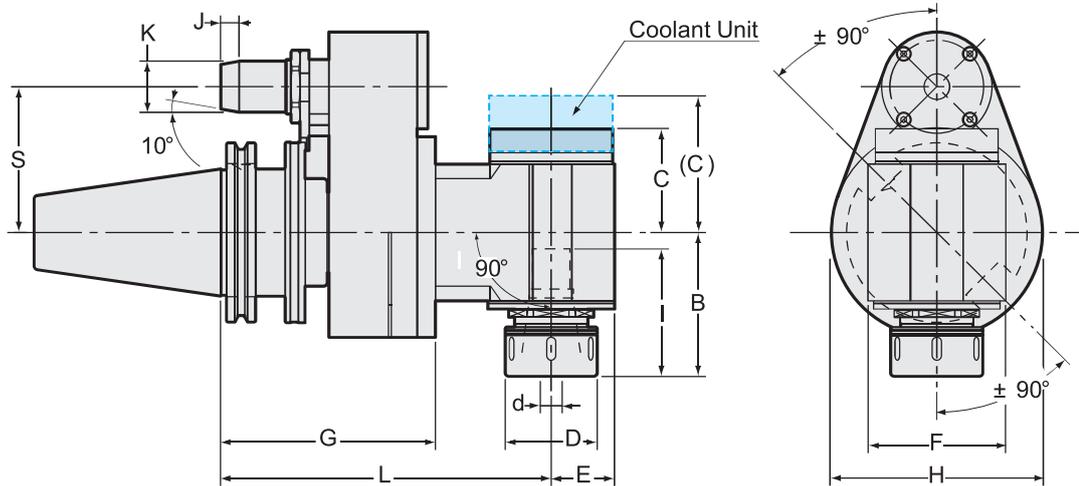


Angle Heads (ER Collet Type)

90° Fixed Type



※ Requires a positioning block. Please refer to PLG 26-27.

Unit : Inch

Code	Model	d	L	G	E	D	F	H	C (C)	B	I	J	K	S
2090 241166 ※※	CAT40 -AHE1190 -165 -65- ※※	0.020 -0.276	6.496	4.646	0.669	0.906	2.008	3.543	1.299 (1.830)	1.693	1.575	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 241196 ※※	-195 -65- ※※	0.020 -0.276	7.677	4.646	0.669	0.906	2.008	3.543	1.299 (1.830)	1.693	1.575	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 241126 ※※	-225 -65- ※※	0.020 -0.276	8.858	4.646	0.669	0.906	2.008	3.543	1.299 (1.830)	1.693	1.575	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 241156 ※※	-255 -65- ※※	0.020 -0.276	10.039	5.315	0.669	0.906	2.008	3.543	1.299 (1.830)	1.693	1.575	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 241186 ※※	-285 -65- ※※	0.020 -0.276	11.220	5.315	0.669	0.906	2.008	3.543	1.299 (1.830)	1.693	1.575	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 241666 ※※	-AHE1690 -165 -65- ※※	0.020 -0.394	6.496	4.646	0.866	1.260	2.283	3.543	1.752 (2.303)	2.441	2.559	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 241696 ※※	-195 -65- ※※	0.020 -0.394	7.677	4.646	0.866	1.260	2.283	3.543	1.752 (2.303)	2.441	2.559	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 241626 ※※	-225 -65- ※※	0.020 -0.394	8.858	4.646	0.866	1.260	2.283	3.543	1.752 (2.303)	2.441	2.559	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 241656 ※※	-255 -65- ※※	0.020 -0.394	10.039	5.315	0.866	1.260	2.283	3.543	1.752 (2.303)	2.441	2.559	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 242066 ※※	-AHE2090 -165 -65- ※※	0.020 -0.512	6.496	4.646	1.102	1.378	2.638	3.543	2.008 (2.539)	2.717	2.717	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 242096 ※※	-195 -65- ※※	0.020 -0.512	7.677	4.646	1.102	1.378	2.638	3.543	2.008 (2.539)	2.717	2.717	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 242026 ※※	-225 -65- ※※	0.020 -0.512	8.858	4.646	1.102	1.378	2.638	3.543	2.008 (2.539)	2.717	2.717	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 242566 ※※	-AHE2590 -165 -65- ※※	0.020 -0.630	6.496	4.646	1.102	1.654	2.638	3.543	2.008 (2.539)	2.717	2.717	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 242596 ※※	-195 -65- ※※	0.020 -0.630	7.677	4.646	1.102	1.654	2.638	3.543	2.008 (2.539)	2.717	2.717	0.315	0.772 (19.6mm)	2.559 (65mm)
2090 242526 ※※	-225 -65- ※※	0.020 -0.630	8.858	4.646	1.102	1.654	2.638	3.543	2.008 (2.539)	2.717	2.717	0.315	0.772 (19.6mm)	2.559 (65mm)

Code	Model	d	L	G	E	D	F	H	C (C)	B	I	J	K	S
2090 251168 ※※	CAT50 -AHE1190 -165 -80- ※※	0.020 -0.276	6.496	4.646	0.669	0.906	2.008	3.543	1.299 (1.830)	1.693	1.575	0.394	1.102 (28mm)	3.150 (80mm)
2090 251198 ※※	-195 -80- ※※	0.020 -0.276	7.677	4.646	0.669	0.906	2.008	3.543	1.299 (1.830)	1.693	1.575	0.394	1.102 (28mm)	3.150 (80mm)
2090 251128 ※※	-225 -80- ※※	0.020 -0.276	8.858	4.646	0.669	0.906	2.008	3.543	1.299 (1.830)	1.693	1.575	0.394	1.102 (28mm)	3.150 (80mm)
2090 251158 ※※	-255 -80- ※※	0.020 -0.276	10.039	5.315	0.669	0.906	2.008	3.543	1.299 (1.830)	1.693	1.575	0.394	1.102 (28mm)	3.150 (80mm)
2090 251188 ※※	-285 -80- ※※	0.020 -0.276	11.220	5.315	0.669	0.906	2.008	3.543	1.299 (1.830)	1.693	1.575	0.394	1.102 (28mm)	3.150 (80mm)
2090 251668 ※※	-AHE1690 -165 -80- ※※	0.020 -0.394	6.496	4.646	0.866	1.260	2.283	3.543	1.752 (2.303)	2.441	2.559	0.394	1.102 (28mm)	3.150 (80mm)
2090 251698 ※※	-195 -80- ※※	0.020 -0.394	7.677	4.646	0.866	1.260	2.283	3.543	1.752 (2.303)	2.441	2.559	0.394	1.102 (28mm)	3.150 (80mm)
2090 251628 ※※	-225 -80- ※※	0.020 -0.394	8.858	4.646	0.866	1.260	2.283	3.543	1.752 (2.303)	2.441	2.559	0.394	1.102 (28mm)	3.150 (80mm)
2090 251658 ※※	-255 -80- ※※	0.020 -0.394	10.039	5.315	0.866	1.260	2.283	3.543	1.752 (2.303)	2.441	2.559	0.394	1.102 (28mm)	3.150 (80mm)
2090 252068 ※※	-AHE2090 -165 -80- ※※	0.020 -0.512	6.496	4.646	1.102	1.378	2.638	3.543	2.008 (2.539)	2.717	2.717	0.394	1.102 (28mm)	3.150 (80mm)
2090 252098 ※※	-195 -80- ※※	0.020 -0.512	7.677	4.646	1.102	1.378	2.638	3.543	2.008 (2.539)	2.717	2.717	0.394	1.102 (28mm)	3.150 (80mm)
2090 252028 ※※	-225 -80- ※※	0.020 -0.512	8.858	4.646	1.102	1.378	2.638	3.543	2.008 (2.539)	2.717	2.717	0.394	1.102 (28mm)	3.150 (80mm)
2090 252568 ※※	-AHE2590 -165 -80- ※※	0.020 -0.630	6.496	4.646	1.102	1.654	2.638	3.543	2.008 (2.539)	2.717	2.717	0.394	1.102 (28mm)	3.150 (80mm)
2090 252598 ※※	-195 -80- ※※	0.020 -0.630	7.677	4.646	1.102	1.654	2.638	3.543	2.008 (2.539)	2.717	2.717	0.394	1.102 (28mm)	3.150 (80mm)
2090 252528 ※※	-225 -80- ※※	0.020 -0.630	8.858	4.646	1.102	1.654	2.638	3.543	2.008 (2.539)	2.717	2.717	0.394	1.102 (28mm)	3.150 (80mm)
2090 253288 ※※	-AHE3290 -180 -80- ※※	0.098 -0.787	7.087	4.606	1.358	1.969	2.953	4.528	2.244 (2.776)	3.110	2.953	0.394	1.102 (28mm)	3.150 (80mm)
2090 253218 ※※	-210 -80- ※※	0.098 -0.787	8.268	4.606	1.358	1.969	2.953	4.528	2.244 (2.776)	3.110	2.953	0.394	1.102 (28mm)	3.150 (80mm)
2090 253248 ※※	-240 -80- ※※	0.098 -0.787	9.449	4.606	1.358	1.969	2.953	4.528	2.244 (2.776)	3.110	2.953	0.394	1.102 (28mm)	3.150 (80mm)
2090 254098 ※※	-AHE4090 -195 -80- ※※	0.118 -1.024	7.677	4.606	1.772	2.480	3.543	4.528	2.874 (3.406)	3.740	3.937	0.394	1.102 (28mm)	3.150 (80mm)
2090 254091 ※※	-195 -110- ※※	0.118 -1.024	7.677	4.606	1.772	2.480	3.543	4.528	2.874 (3.406)	3.740	3.937	0.394	1.102 (28mm)	4.331 (110mm)

- ※ is for A dimension. Please refer to PLG 26.
- When ordering, please specify plunger size ("A" dimension).
- Center-thru coolant types are produced upon request.
- Plunger is fixed (non-adjustable)
- Collet and spanner are sold separately.

Size	Collet	Nut	Spanner
AHE1190	ER11	HDP-07A	S-0
AHE1690	ER16	ERP-16	FK0030
AHE2090	ER20	ERP-20	FK0034
AHE2590	ER25	ERP-25	HS-1-16
AHE3290	ER32	ERP-32	HS-2-20
AHE4090	ER40	ERP-40	HS-2.5-25

Collet

MDE 3



Spanner

ACC 14



Ordering Example

CAT40 - AH 11 90 - 165 - 65 - 06

Shank size Max. Angle Projection S Dimension
collet I.D. collet I.D. length (L) A