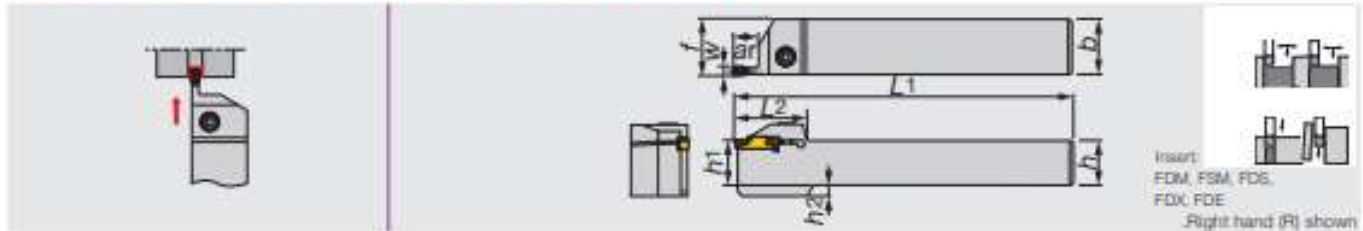


FHER/L

External toolholders for grooving, parting & turning



Description	W (in)	W (mm)	Seat size	ar	h	b	L ₁	L ₂	h ₁	f ⁿ	h ₂
FHER 12-2T08	0.079	2	2	0.315	0.750	0.750	5.000	1.299	0.750	0.754	-
FHERL16-2T08	0.079	2	2	0.315	1.000	1.000	6.000	1.299	1.000	1.004	-
FHEL10-2T12	0.079	2	2	0.472	0.625	0.625	4.500	1.260	0.625	0.629	0.157
FHEL12-2T12	0.079	2	2	0.472	0.750	0.750	5.000	1.260	0.750	0.754	-
FHEL10-2T17	0.079	2	2	0.689	0.625	0.625	4.500	1.457	0.625	0.629	0.157
FHERL12-2T17	0.079	2	2	0.689	0.750	0.750	5.000	1.457	0.750	0.754	-
FHERL12-2T17-CH	0.079	2	2	0.689	0.750	0.750	5.000	1.772	0.750	0.754	-
FHER 16-2T17	0.079	2	2	0.689	1.000	1.000	6.000	1.457	1.000	1.004	-
FHERL16-2T17-CH	0.079	2	2	0.689	1.000	1.000	6.000	1.772	1.000	1.004	-
FHER 10-3T09	0.118	3	3	0.354	0.625	0.625	4.500	1.260	0.625	0.637	0.157
FHERL12-3T09	0.118	3	3	0.354	0.750	0.750	5.000	1.260	0.750	0.762	-
FHER 16-3T09	0.118	3	3	0.354	1.000	1.000	6.000	1.260	1.000	1.012	-
FHERL12-3T12	0.118	3	3	0.472	0.750	0.750	5.000	1.260	0.750	0.763	-
FHER 16-3T12	0.118	3	3	0.472	1.000	1.000	6.000	1.260	1.000	1.012	-
FHERL10-3T20	0.118	3	3	0.787	0.625	0.625	4.500	1.516	0.625	0.637	0.157
FHEL12-3T20	0.118	3	3	0.787	0.750	0.750	5.000	1.516	0.750	0.762	-
FHERL16-3T20	0.118	3	3	0.787	1.000	1.000	6.000	1.516	1.000	1.012	0.157
FHERL16-3T20-CH	0.118	3	3	0.787	1.000	1.000	6.000	1.890	1.000	1.012	0.157
FHERL12-3T25-CH	0.118	3	3	0.984	0.750	0.750	5.000	2.008	0.750	0.762	0.157
FHERL16-3T25	0.118	3	3	0.984	1.000	1.000	6.000	1.752	1.000	1.012	-
FHERL16-3T25-CH	0.118	3	3	0.984	1.000	1.000	6.000	2.008	1.000	1.012	-
FHERL16-4T10	0.157	4	4	0.394	1.000	1.000	6.000	1.260	1.000	1.020	-
FHERL12-4T15	0.157	4	4	0.590	0.750	0.750	5.000	1.299	0.750	0.770	-
FHERL16-4T15	0.157	4	4	0.590	1.000	1.000	6.000	1.299	1.000	1.020	-
FHERL12-4T25	0.157	4	4	0.984	0.750	0.750	5.000	1.772	0.750	0.770	-
FHERL16-4T25	0.157	4	4	0.984	1.000	1.000	6.000	1.772	1.000	1.020	-
FHERL16-4T25-CH	0.157	4	4	0.984	1.000	1.000	6.000	2.165	1.000	1.020	-
FHERL20-4T25	0.157	4	4	0.984	1.250	1.250	7.000	1.772	1.250	1.270	-
FHER 12-5T12	0.197	5	5	0.472	0.750	0.750	5.000	1.457	0.750	0.773	-
FHER 16-5T12	0.197	5	5	0.472	1.000	1.000	6.000	1.457	1.000	1.023	-
FHERL16-5T20	0.197	5	5	0.787	1.000	1.000	6.000	1.457	1.000	1.024	-
FHER 16-5T32	0.197	5	5	1.260	1.000	1.000	6.000	2.205	1.000	1.004	-
FHERL16-5T32-CH	0.197	5	5	1.260	1.000	1.000	6.000	2.323	1.000	1.024	-
FHER 20-5T32	0.197	5	5	1.260	1.250	1.250	7.000	2.205	1.250	1.271	-
FHER 16-6T12	0.236	6	6	0.472	1.000	1.000	6.000	1.457	1.000	1.023	3.5
FHERL16-6T20	0.236	6	6	0.787	1.000	1.000	6.000	1.614	1.000	1.023	3.5
FHER 16-6T32	0.236	6	6	1.260	1.000	1.000	6.000	2.205	1.000	1.021	3.5
FHERL16-6T32-CH	0.236	6	6	1.260	1.000	1.000	6.000	2.441	1.000	1.023	3.5
FHERL20-6T32	0.236	6	6	1.260	1.250	1.250	7.000	2.205	1.250	1.271	-
FHER 16-8T16	0.315	8	8	0.630	1.000	1.000	6.000	1.850	1.000	1.043	3.5
FHERL16-8T25	0.315	8	8	0.984	1.000	1.000	6.000	1.850	1.000	1.039	-
FHEL16-8T36	0.315	8	8	1.417	1.000	1.000	6.000	2.362	1.000	1.043	0.276
FHERL20-8T36	0.315	8	8	1.417	1.250	1.250	7.000	2.362	1.250	1.293	-

• When depth is deeper than (insert length - 0.059"), 1 corner type is recommended.

(1) T value is calculated with groove width "W" shown in the table.

• -CH: High pressure coolant type


SPARE PARTS


Designation	Clamping screw	Wrench
FHER/12-2T08	CM5X0.8X20-A	P-4
FHER/L16-2T08	CM5X0.8X25-A	P-4
FHEL10-2T12	CM5X0.8X16-A	P-4
FHEL12-2T12	CM5X0.8X20-A	P-4
FHEL10-2T17	CM5X0.8X16-A	P-4
FHER/L12-2T17	CM5X0.8X20-A	P-4
FHER 16-2T17	CM5X0.8X25-A	P-4
FHER 10-3T09	CM5X0.8X16-A	P-4
FHER/L12-3T09	CM5X0.8X20-A	P-4
FHER/L12-3T12	CM5X0.8X25-A	P-4
FHER 16-3T12	CM5X0.8X20-A	P-4
FHER/L10-3T20	CM5X0.8X25-A	P-4
FHEL 12-3T20	CM5X0.8X16-A	P-4
FHER/L16-3T20	CM5X0.8X20-A	P-4
FHER/L16-3T25	CM5X0.8X25-A	P-4
FHER/L16-4T10	CM6X1X25-A	P-5

SPARE PARTS


Designation	Clamping screw	Wrench
FHER/L12-4T15	CM6X1X20-A	P-5
FHER/L16-4T15	CM6X1X25-A	P-5
FHER/L12-4T25	CM6X1X20-A	P-5
FHER/L16-4T25	CM6X1X25-A	P-5
FHER/L20-4T25	CM6X1X25-A	P-5
FHER 12-5T12	CM6X1X20-A	P-5
FHER 16-5T20	CM6X1X25-A	P-5
FHER/L16-5T32	CM6X1X25-A	P-5
FHER 20-5T32	CM8X1.25X20-A	P-6
FHER 16-6T12	CM8X1.25X25-A	P-6
FHER/L16-6T20	CM8X1.25X25-A	P-6
FHER 16-6T32	CM8X1.25X25-A	P-6
FHER 20-6T32	CM8X1.25X25-A	P-6
FHER 16-8T16	CM8X1.25X25-A	P-6
FHER/L16-8T25	CM8X1.25X25-A	P-6
FHEL 16-8T38	CM8X1.25X25-A	P-6
FHER/L20-8T36	CM8X1.25X25-A	P-6