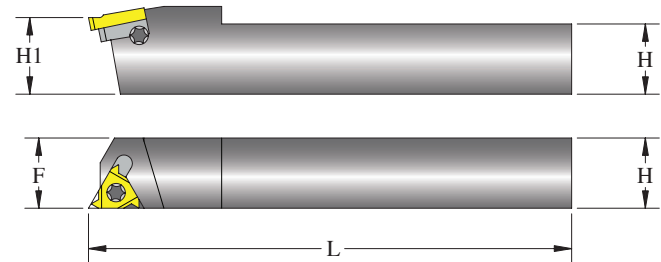
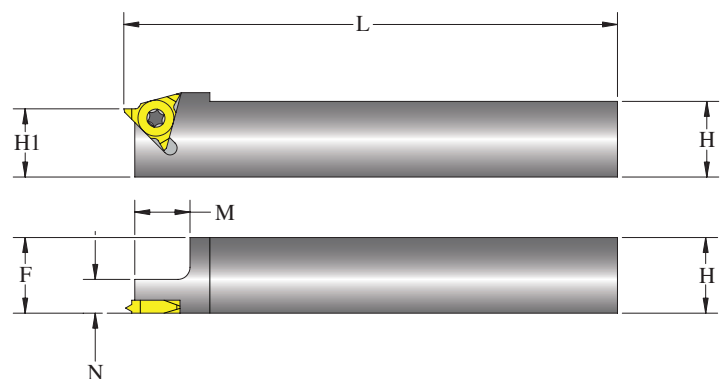


EXTERNAL TOOLHOLDERS



INSERT TYPE	CATALOG NUMBER	H=H1	F	L	SPARE PARTS				
					ANVIL R.H.	ANVIL L.H.	ANVIL SCREW	TORX KEY	INSERT SCREW
ER11	HER0808H11	8.0	10.0	100	-	-	-	KT8	SI11
	HER1010H11	10.0	10.0	100	-	-	-	KT8	SI11
ER16	HER1212H16	12.0	16.0	100	ES16	IS16	SA16	KT10	SI16
	HER1616H16	16.0	16.0	100	ES16	IS16	SA16	KT10	SI16
	HER2020K16	20.0	20.0	125	ES16	IS16	SA16	KT10	SI16
	HER2525M16	25.0	25.0	150	ES16	IS16	SA16	KT10	SI16
	HER3232P16	32.0	32.0	170	ES16	IS16	SA16	KT10	SI16
ER22	HER2525M22	25.0	25.0	150	ES22	IS22	SA22	KT20	SI22
	HER3232P22	32.0	32.0	170	ES22	IS22	SA22	KT20	SI22
ER27	HER2525M27	25.0	32.0	150	ES27	IS27	SA27	KT25	SI27
	HER3232P27	32.0	32.0	170	ES27	IS27	SA27	KT25	SI27

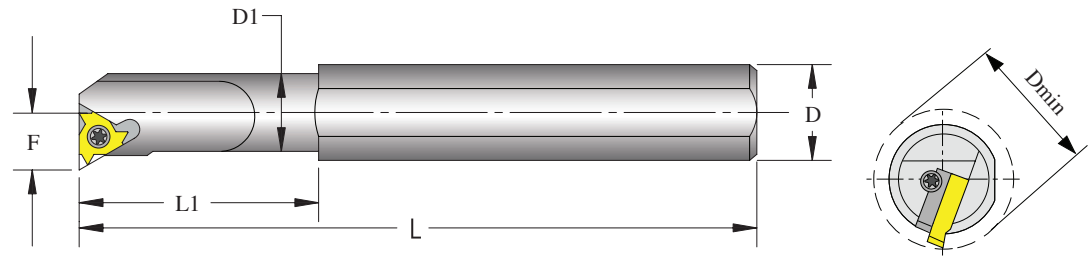
VERTICAL TOOLHOLDERS



INSERT TYPE	CATALOG NUMBER	N	M	H=H1	F	L	SPARE PARTS	
							TORX KEY	INSERT SCREW
ER16V	HER1616H16V	7.5	15.5	16.0	16.0	100	KT10	SI16V
	HER2020K16V	7.5	15.5	20.0	20.0	125	KT10	SI16V
	HER2525M16V	7.5	15.5	25.0	25.0	150	KT10	SI16V

ALL TOOLHOLDERS ARE MADE WITH 1.5 HELIX ANGLE.
FOR EX. L.H. INSERTS , CHANGE TO HEL INSTEAD OF HER.

INTERNAL TOOLHOLDERS



INSERT TYPE	CATALOG NUMBER	D	D1	Dmin	L	L1	F	SPARE PARTS				
								ANVIL R.H.	ANVIL L.H.	ANVIL SCREW	TORX KEY	INSERT SCREW
IR06	HIR0012H06	12.0	5.0	6.1	100	12	4.4	-	-	-	KT6	SI06
IR08	HIR0016K08	16.0	6.5	8.0	125	17	5.4	-	-	-	KT6	SI08
IR11	HIR0010H11	10.0	10.0	12.5	100	-	7.3	-	-	-	KT8	SI11
	HIR0010K11	16.0	10.0	12.5	125	25	7.3	-	-	-	KT8	SI11
IR16	HIR0013M16	16.0	13.0	16.5	150	32	10.4	-	-	-	KT10	SI16T
	HIR0016P16	20.0	16.0	19.5	170	40	11.6	-	-	-	KT10	SI16T
	HIR0020P16	20.0	20.0	23.5	170	-	13.6	IS16	ES16	SA16	KT10	SI16
	HIR0025R16	25.0	25.0	28.5	200	-	16.3	IS16	ES16	SA16	KT10	SI16
	HIR0032S16	32.0	32.0	35.5	250	-	19.6	IS16	ES16	SA16	KT10	SI16
	HIR0040T16	40.0	40.0	43.5	300	-	23.6	IS16	ES16	SA16	KT10	SI16
IR22	HIR0020P22	20.0	20.0	25.0	170	-	15.5	-	-	-	KT20	SI22T
	HIR0025R22	25.0	25.0	30.0	200	-	18.3	IS22	ES22	SA22	KT20	SI22
	HIR0032S22	32.0	32.0	37.0	250	-	21.7	IS22	ES22	SA22	KT20	SI22
	HIR0040T22	40.0	40.0	45.0	300	-	25.7	IS22	ES22	SA22	KT20	SI22
IR27	HIR0032S27	32.0	32.0	39.0	250	-	22.8	IS27	ES27	SA27	KT25	SI27
	HIR0040T27	40.0	40.0	47.0	300	-	26.8	IS27	ES27	SA27	KT25	SI27

ALL TOOLHOLDERS ARE MADE WITH 1.5 HELIX ANGLE.
FOR IN. L.H. TOOLHOLDERS, CHANGE TO HIL INSTEAD OF HIR.