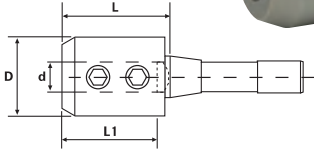


R8 End Mill Holders



- All ground body, bore, nose, flange
- TIR, 0.0001" / 0.003mm OD to ID
- Certified Steel



Taper	Hole Dia. (d)	Gauge Length (L)	L1	D	Set Screw	Code No.	Price \$
R8	1/4	1.33	1.18	0.79	1/4-28	534056	93.27
R8	5/16	1.75	1.26	0.87	5/16-24	534058	93.27
R8	3/8	1.33	1.26	1.00	3/8-24	534060	93.27
R8	1/2	1.33	2.56	1.38	7/16-20	534064	93.27
R8	5/8	1.50	1.61	1.65	9/16-18	534066	93.27
R8	3/4	2.37	1.77	1.89	5/8-18	534068	106.89
R8	1	3.25	2.76	2.36	3/4-16	534072	118.94
R8	1-1/4	3.25	3.15	2.48	3/4-16	534074	124.71

Straight Shank End Mill Holders



- Can be used to extend the reach of the cutting tool as well as machining within tight clearances
- All ground body, bore, nose, flange
- TIR, 0.0001" / 0.003mm OD to ID
- Certified Steel



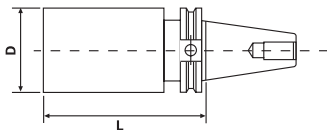
Hole Dia. (d)	Gauge Length (L)	L1	D	Set Screw	Code No.	Price \$
1/4	6.00	1.18	0.750	1/4-28	534078	119.59
5/16	6.00	1.18	0.750	5/16-24	534080	113.31
3/8	6.00	1.57	1.00	3/8-24	534082	120.86
1/2	6.00	1.77	1.00	1/4-28	534084	120.86

Blank Bars



Blank bars are suitable for all applications, including deep boring. While the tapers are ground and hardened, the projections are not.

- Traverse ground shank to obtain optimum accuracy
- Meets or exceeds ANSI specifications
- Material to be machined - SNM 415H

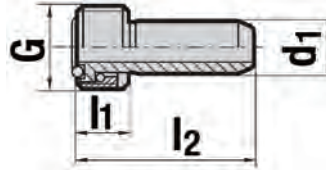


Taper	L	D	Code No.	Price \$
CAT Taper				
CAT 40	13	2.50	531592	430.48
CAT 50	13	3.88	531594	484.41
NMTB Taper				
NMTB50	13	3.88	534602	444.77

HSK Coolant Tubes



- Designed specifically to be used with HSK holders
- Leak-proof screwed connection



Used with Taper	d1	G	l1	l2	Code No.	Price \$
HSK63A	12	M18x1	36.5	11.5	536600	42.29
HSK100A	16	M24x1.5	44.0	15.5	536602	46.42

Coolant Tube Wrenches



- Designed to lock and unlock the HSK coolant supply units



Description	Used with Taper	Code No.	Price \$
Coolant Tube Wrench	HSK63A	536604	64.81
Coolant Tube Wrench	HSK100A	536606	69.06

Replacement O-Rings For DIRECT COOLANT Holders



- Can be used in all tapers of Direct Coolant Holders



Holder Size	Code No.	Price \$
1/4	522390	2.50
5/16	522391	2.50
3/8	522392	2.50
1/2	522393	2.50
5/8	522394	2.50
3/4	522395	2.50
1	522396	2.50
1-1/4	522397	2.50

Replacement Set Screws



Size	Size of Holder	Code No.	Price \$
8-32 x 5/16	1/8	534109	0.80
10-32 x 5/16	3/16	534111	0.80
1/4-28 x 1/4	1/4	534110	3.70
5/16-24 x 1/4	5/16	534112	3.70
3/8-24 x 5/16	3/8, 7/16	534114	5.62
7/16-20 x 3/8	1/2	534116	6.75
9/16-18 x 1/2	5/8	534118	5.30
5/8-18 x 1/2	3/4, 7/8	534120	9.15
3/4-16 x 9.5mm	1, 1-1/4, 1-1/2	534119	8.73
3/4-16 x 11/16	1, 1-1/4, 1-1/2	534122	9.96
1-14 x 7/8	2	534124	32.74