

R8 End Mill Holders

For single and double end mills (* for single end mills only).

- Internal thread 7/16"-20.



Hole Dia.	Order No.
3/16"	210-0102
1/4"	210-0103
5/16"	210-0104
3/8"	210-0105
7/16"	210-0106
1/2"	210-0107
5/8"	210-0108
3/4"	210-0110*
7/8"	210-0112*
1"	210-0114*
1-1/8"	210-0115*
1-1/4"	210-0116*
1-1/2"	210-0118*
2"	210-0120*

Hole Dia.	Order No.
4mm	210-1104
5mm	210-1105
6mm	210-1106
7mm	210-1107
8mm	210-1108
10mm	210-1110
12mm	210-1112
14mm	210-1114
16mm	210-1116
18mm	210-1118
20mm	210-1120
22mm	210-1122
25mm	210-1125*
27mm	210-1127*

Sets

No. of Pieces	Specifications	Order No.
4	3/8, 1/2, 3/4, 1"	210-0304
5	3/16, 3/8, 1/2, 5/8, 3/4"	210-0305
6	3/16, 3/8, 1/2, 5/8, 3/4, 7/8"	210-0306
8	3/16, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1-1/4"	210-0307
8	3/16, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/4"	210-0308
9	3/16, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/4, 1-1/2"	210-0309

NMTB Shank End Mill Holders

For holding single and double end mills (* for holding single end mills only).

- Drawbar end thread: 30#: 1/2"-13, 40#: 5/8"-11, 50#: 1"-8. Metric: 30#: M12, 40#: M16, 50#: M24.
- NMTB 30,40 & 50 shanks.



Hole Dia.	30# Order No.	40# Order No.	50# Order No.
3/16"	210-3012	210-4012	
5/16"	210-3015	210-4015	
3/8"	210-3024	210-4024	210-5024
1/2"	210-3032	210-4032	210-5032
5/8"	210-3040	210-4040	210-5040
3/4"	210-3048	210-4048	210-5048
7/8"	210-3056*	210-4056	210-5056
1"	210-3064*	210-4064*	210-5064
1-1/4"	210-3066*	210-4066*	210-5066*
1-1/2"		210-4068*	210-5068*
2"		210-4070*	210-5070*
2-1/2"			210-5072*

Hole Dia.	30# Order No.	40# Order No.	50# Order No.
6mm	210-3306		
8mm	210-3308	210-4308	210-5308
10 mm	210-3310	210-4310	210-5310
12mm	210-3312	210-4312	210-5312
13mm	210-3313	210-4313	210-5313
14mm	210-3314	210-4314	210-5314
16mm	210-3316	210-4316	210-5316
18mm	210-3318	210-4318	210-5318
19mm	210-3319	210-4319	210-5319
20mm	210-3320	210-4320	210-5320
22mm	210-3322*	210-4322	210-5322
25mm	210-3325*	210-4325*	210-5325
32mm	210-3332*	210-4332*	210-5332*
40mm		210-4340*	210-5340*
50mm			210-5350*
63mm			210-5363*

Morse Taper End Mill Holders

Tang Type

For Single & Double End Mills

(* For Single End Mills Only)



Shank Taper	Hole Dia.	Order No.	Shank Taper	Hole Dia.	Order No.
MT2	3/16"	219-2012	MT4	7/8"	219-4019*
MT2	1/4"	219-2013	MT4	1"	219-4020*
MT2	5/16"	219-2014	MT4	1-1/4"	219-4021*
MT2	3/8"	219-2015	MT4	1-1/2"	219-4022*
MT2	1/2"	219-2016*	MT5	3/16"	219-5012
MT 2	5/8"	219-2017*	MT5	1/4"	219-5013
MT2	3/4"	219-2018*	MT5	5/16"	219-5014
MT3	3/16"	219-3012	MT5	3/8"	219-5015
MT3	1/4"	219-3013	MT5	1/2"	219-5016
MT3	5/16"	219-3014	MT5	5/8"	219-5017
MT3	3/8"	219-3015	MT5	3/4"	219-5018
MT3	1/2"	219-3016	MT5	7/8"	219-5019
MT3	5/8"	219-3017*	MT5	1"	219-5020
MT3	3/4"	219-3018*	MT5	1-1/4"	219-5021*
MT3	7/8"	219-3019*	MT5	1-1/2"	219-5022*
MT3	1"	219-3020*	MT5	2"	219-5024*
MT4	3/16"	219-4012	MT5	2-1/2"	219-5025*
MT4	1/4"	219-4013	MT6	7/8"	219-6019
MT4	5/16"	219-4014	MT6	1"	219-6020
MT4	3/8"	219-4015	MT6	1-1/4"	219-6021*
MT4	1/2"	219-4016	MT6	1-1/2"	219-6022*
MT4	5/8"	219-4017	MT6	2"	219-6024*
MT4	3/4"	219-4018	MT6	2-1/2"	219-6025*

Morse Taper End Mill Holders

Drawbar End Type



For Single & Double End Mills(* For Single End Mills Only)

- Drawbar end thread: MT2:3/8"-16, MT3: 1/2"-13, MT4:5/8"-11, MT5: 3/4"-10, MT6: 1"-8.

Shank Taper	Hole Dia.	Order No.	Shank Taper	Hole Dia.	Order No.
MT2	3/16"	219-2112	MT4	1-1/4"	219-4121*
MT2	1/4"	219-2113	MT4	1-1/2"	219-4122*
MT2	5/16"	219-2114	MT5	3/8"	219-5115
MT2	3/8"	219-2115	MT5	1/2"	219-5116
MT2	1/2"	219-2116*	MT5	5/8"	219-5117
MT2	5/8"	219-2117*	MT5	3/4"	219-5118
MT2	3/4"	219-2118*	MT5	7/8"	219-5119
MT3	3/16"	219-3112	MT5	1"	219-5120
MT3	1/4"	219-3113	MT5	1-1/4"	219-5121*
MT3	5/16"	219-3114	MT5	1-1/2"	219-5122*
MT3	3/8"	219-3115	MT5	2"	219-5124*
MT3	1/2"	219-3116	MT6	3/8"	219-6115
MT3	5/8"	219-3117*	MT6	1/2"	219-6116
MT3	3/4"	219-3118*	MT6	5/8"	219-6117
MT3	7/8"	219-3119*	MT6	3/4"	219-6118
MT3	1"	219-3120*	MT6	7/8"	219-6119*
MT4	3/8"	219-4115	MT6	1"	219-6120*
MT4	1/2"	219-4116	MT6	1-1/4"	219-6121*
MT4	5/8"	219-4117	MT6	1-1/2"	219-6122*
MT4	3/4"	219-4118	MT6	2"	219-6124*
MT4	7/8"	219-4119*	MT6	2-1/2"	219-6126*
MT4	1"	219-4120*			

Morse Taper Shell End Mill Holders

Tang End



Shank Taper	Hole Size	Order No.	Shank Taper	Hole Size	Order No.
MT2	1/2"	219-2032	MT4	7/8"	219-4056
MT2	5/8"	219-2040	MT4	1"	219-4100
MT2	3/4"	219-2048	MT4	1-1/4"	219-4106
MT3	1/2"	219-3032	MT4	1-1/2"	219-4132
MT3	5/8"	219-3040	MT5	1/2"	219-5032
MT3	3/4"	219-3048	MT5	5/8"	219-5040
MT3	7/8"	219-3056	MT5	3/4"	219-5048
MT3	1"	219-3064	MT5	7/8"	219-5056
MT3	1-1/4"	219-3066	MT5	1"	219-5100
MT4	1/2"	219-4032	MT5	1-1/4"	219-5106
MT4	5/8"	219-4040	MT5	1-1/2"	219-5132
MT4	3/4"	219-4048	MT5	2"	219-5200

Shank Taper	Hole Size	Order No.	Shank Taper	Hole Size	Order No.
MT2	13mm	219-1213	MT4	27mm	219-1427
MT2	16mm	219-1216	MT4	32mm	219-1432
MT2	22mm	219-1222	MT4	40mm	219-1440
MT3	16mm	219-1316	MT5	16mm	219-1516
MT3	22mm	219-1322	MT5	22mm	219-1522
MT3	27mm	219-1327	MT5	27mm	219-1525
MT3	32mm	219-1332	MT5	32mm	219-1532
MT4	16mm	219-1416	MT5	40mm	219-1540
MT4	22mm	219-1422	MT5	50mm	219-1550

Draw Bar Thread End

- Drawbar end thread: MT2:3/8"-16, MT3: 1/2"-13, MT4:5/8"-11, MT5: 3/4"-10.
Metric: MT2:M10, MT3: M12
MT4: M16,MT5: M20.



Shank Taper	Hole Size	Order No.	Shank Taper	Hole Size	Order No.
MT2	1/2"	219-2232	MT4	7/8"	219-4456
MT2	5/8"	219-2240	MT4	1"	219-4464
MT2	3/4"	219-2248	MT4	1-1/4"	219-4466
MT3	1/2"	219-3432	MT4	1-1/2"	219-4468
MT3	5/8"	219-3440	MT5	1/2"	219-5532
MT3	3/4"	219-3448	MT5	5/8"	219-5540
MT3	7/8"	219-3456	MT5	3/4"	219-5548
MT3	1"	219-3464	MT5	7/8"	219-5556
MT3	1-1/4"	219-3466	MT5	1"	219-5564
MT4	1/2"	219-4432	MT5	1-1/4"	219-5566
MT4	5/8"	219-4440	MT5	1-1/2"	219-5568
MT4	3/4"	219-4448	MT5	2"	219-5570

Shank Taper	Hole Size	Order No.	Shank Taper	Hole Size	Order No.
MT2	13mm	219-2213	MT4	27mm	219-4327
MT2	16mm	219-2216	MT4	32mm	219-4332
MT2	22mm	219-2222	MT4	40mm	219-4340
MT3	16mm	219-3316	MT5	16mm	219-5316
MT3	22mm	219-3322	MT5	22mm	219-5322
MT3	27mm	219-3327	MT5	27mm	219-5327
MT3	32mm	219-3332	MT5	32mm	219-5332
MT4	16mm	219-4316	MT5	40mm	219-5340
MT4	22mm	219-4322	MT5	50mm	219-5350

Straight Shank Shell End Mill Holders



Dia. Of Shank	Arbor Dia.	Order No.
1/2"	1/2"	210-5501
1/2"	3/4"	210-5502
1/2"	1"	210-5503
1/2"	1-1/4"	210-5504
1/2"	1-1/2"	210-5505

Dia. Of Shank	Arbor Dia.	Order No.
3/4"	1/2"	210-5506
3/4"	3/4"	210-5507
3/4"	1"	210-5508
3/4"	1-1/4"	210-5509
3/4"	1-1/2"	210-5510

R8 Shell End Mill Holders

- Internal thread 7/16"-20.



Arbor	Order No.
1/2"	210-0401
3/4"	210-0402
1"	210-0403
1-1/4"	210-0404
1-1/2"	210-0405

Arbor Dia.	Order No.
16mm	210-0416
19mm	210-0419
22mm	210-0422
27mm	210-0427
32mm	210-0432
40mm	210-0440

30-40-50 Shell End Mill Holders

- Drawbar end thread: Inch 30#: 1/2"-13, 40#: 5/8"-11, 50#: 1"-8.
Metric: 30#: M12,40#: M16, 50#: M24.



ISO

Hole Size	ISO 30 Order No.	ISO 40 Order No.	ISO 50 Order No.
16mm	210-7316	210-7416	210-7516
19mm	210-7319	210-7419	210-7519
22mm	210-7322	210-7422	210-7522
25mm	210-7325	210-7425	210-7525
27mm	210-7327	210-7427	210-7527
32mm	210-7332	210-7432	210-7532
40mm	210-7340	210-7440	210-7540
50mm	210-7350	210-7450	210-7550
63mm	210-7363	210-7463	210-7563

Inch

Hole Size	30 Taper Order No.	40 Taper Order No.	50 Taper Order No.
1/2"	210-6332	210-6431	210-6531
3/4"	210-6348	210-6448	210-6548
1"	210-6364	210-6464	210-6564
1-1/4"	210-6366	210-6466	210-6566
1-1/2"	210-6368	210-6468	210-6568
2"	210-6370	210-6470	210-6570
2-1/2"			210-6572

DIN 2080

Hole Size	SK50 Order No.	SK40 Order No.	SK 30 Order No.
16	210-9516	210-9416	210-9316
22	210-9522	210-9422	210-9322
27	210-9527	210-9427	210-9327
32	210-9532	210-9432	210-9332
40	210-9540	210-9440	
50	210-9550	210-9450	

Morse Taper Comb Shell End Mill Arbors

- Drawbar end thread: MT3: 1/2"-13, MT4:5/8"-11, MT5: 3/4"-10.
Metric: MT3: M12, MT4: M16, MT5: M20.



Shank Taper	Arbor Dia.	Order No.	Shank Taper	Arbor Dia.	Order No.
MT3	1/2"	210-3532	MT4	1-1/4"	210-4566
MT3	5/8"	210-3540	MT4	1-1/2"	210-4568
MT3	3/4"	210-3548	MT4	2 "	210-4570
MT3	7/8"	210-3556	MT5	5/8"	210-5540
MT3	1 "	210-3564	MT5	3/4"	210-5548
MT3	1-1/4"	210-3566	MT5	7/8"	210-5556
MT4	1/2"	210-4532	MT5	1 "	210-5564
MT4	5/8"	210-4540	MT5	1-1/4"	210-5566
MT4	3/4"	210-4548	MT5	1-1/2"	210-5568
MT4	7/8"	210-4556	MT5	2 "	210-5570
MT4	1"	210-4564			

Shank Taper	Arbor Dia.	Order No.	Shank Taper	Arbor Dia.	Order No.
MT3	13mm	210-3613	MT4	27mm	210-4627
MT3	16mm	210-3616	MT4	32mm	210-4632
MT3	22mm	210-3622	MT4	40mm	210-4640
MT3	27mm	210-3627	MT5	22mm	210-5622
MT3	32mm	210-3632	MT5	27mm	210-5627
MT4	13mm	210-4613	MT5	32mm	210-5632
MT4	16mm	210-4616	MT5	40mm	210-5640
MT4	22mm	210-4622	MT5	50mm	210-5650

30-40-50 Comb Shell End Mill Arbors

- Drawbar end thread: Inch 30#: 1/2"-13, 40#: 5/8"-11, 50#: 1"-8.
Metric: 30#: M12,40#: M16, 50#: M24.



Arbor Dia.	30 Order No.	40 Order No.	50 Order No.
1/2"	210-3132		
5/8"	210-3140	210-4140	210-5140
3/4"	210-3148	210-4148	210-5148
7/8"	210-3156	210-4156	210-5156
1"	210-3164	210-4164	210-5164
1-1/4"	210-3166	210-4166	210-5166
1-1/2"		210-4168	210-5168
2 "		210-4170	210-5170

Arbor Dia.	30 Order No.	40 Order No.	50 Order No.
13mm	210-3213		
16mm	210-3216	210-4216	210-5216
22mm	210-3222	210-4222	210-5222
27mm	210-3227	210-4227	210-5227
32mm	210-3232	210-4232	210-5232
40mm		210-4240	210-5240
50mm		210-4250	210-5250

R8 Comb Shell End Mill Arbors

It could be used clutch drive ring cross screw, cross spanner to help to clamp various end mills.

- Internal thread 7/16"-20.



Arbor Dia.	Order No.
1/2"	210-1332
5/8"	210-1340
3/4"	210-1348
1"	210-1364
1-1/4"	210-1366
1-1/2"	210-1368

Arbor Dia.	Order No.
13mm	210-1413
16mm	210-1416
22mm	210-1422
27mm	210-1427
32mm	210-1432
40mm	210-1440

Accessories For Shell End Mill Arbors

Screws



Arbor Dia.	Thread	Order No.
1/2"	1/4-28	210-5840
3/4"	3/8-24	210-5841
1 "	1/2-20	210-5842
1-1/4"	5/8-18	210-5843
1-1/2"	3/4-16	210-5844
2 "	1-14	210-5845

Arbor Dia.	Thread	Order No.
13mm	M6	210-5830
16mm	M8	210-5831
22mm	M10	210-5832
27mm	M12	210-5833
32mm	M16	210-5834
40mm	M20	210-5835
50mm	M24	210-5836
60mm	M30	210-5837

Spanners



Arbor Dia.	Order No.
1/2"	210-5860
5/8"	210-5861
3/4"	210-5862
1 "	210-5863
1-1/4"	210-5864
1-1/2"	210-5865
2 "	210-5866

Arbor Dia.	Order No.
13mm	210-5850
16mm	210-5851
22mm	210-5852
27mm	210-5853
32mm	210-5854
40mm	210-5855
50mm	210-5856
60mm	210-5857

Driver Rings



Size	Order No.
1/2"	210-5810
5/8"	210-5811
3/4"	210-5822
7/8"	210-5823
1 "	210-5824
1-1/4"	210-5825
1-1/2"	210-5826
2 "	210-5827
1/2"	210-5880

Size	Order No.
13mm	210-5800
16mm	210-5801
22mm	210-5802
27mm	210-5803
32mm	210-5804
40mm	210-5805
50mm	210-5806
60mm	210-5807