

**Extra SAVINGS**  
on any quantity  
of Bison Tool  
Holders

# Harnessing the power for more productivity

Get ready for all the work  
to come as we pick up speed



**Mix or match Bison Tool Holders to make your own customized package or choose one of the recommended Tooling Packages**

**Included in the offer:**

- V-Flange
- Straight Shank
- Adapters
- BT Holders
- CAT Holders
- NMTB Holders
- R8 Holders

## Tooling Packages

CAT40		Package Part #7-188-940B		
ITEM NUMBER	QTY PER PKG	DESCRIPTION	LIST	EXTENDED VALUE
7-188-415	2	CAT40 ER16 Collet Chuck 2.5"	127.50	255.00
7-188-431	3	CAT40 ER32 Collet Chuck 3"	135.00	405.00
7-171-195	1	ER16 Collet Set 7 Pc. 1/8"-3/8"	164.50	164.50
7-188-438	1	ER32 Collet Set 11 Pc. 1/8"-3/4" w/Collet Chuck	397.00	397.00
7-185-409	1	CAT40 E/M Holder 1/4" x 2-1/2"	76.60	76.60
7-185-412	1	CAT40 E/M Holder 3/8" x 2-1/2"	72.10	72.10
7-185-413	1	CAT40 E/M Holder 1/2" x 2-5/8"	72.10	72.10
7-185-431	1	CAT40 E/M Holder 5/8" x 3-3/4"	75.80	75.80
7-185-441	1	CAT40 E/M Holder 3/4" x 3-3/4"	75.80	75.80
7-185-461	1	CAT40 E/M Holder 1" x 4"	84.20	84.20
7-185-471	1	CAT40 E/M Holder 1-1/4" x 4-1/4"	85.30	85.30
7-178-916	1	ER16 Wrench	25.50	25.50
7-188-932	1	ER32 Wrench	18.10	18.10
Package Total Value at List Price			<b>\$1,807.00</b>	

CAT50		Package Part #7-188-950B		
ITEM NUMBER	QTY PER PKG	DESCRIPTION	LIST	EXTENDED VALUE
7-188-543	1	CAT50 ER40 Collet Chuck 2.5"	162.00	162.00
7-188-545	3	CAT50 ER40 Collet Chuck 4"	180.00	540.00
7-188-510	2	CAT50 ER16 Collet Chuck 6"	135.00	270.00
7-171-195	1	ER16 Collet Set 7 Pc. 1/8"-3/8"	164.50	164.50
7-171-495	1	ER40 Collet Set 15 Pc. 1/8"-1"	325.50	325.50
7-185-5101	1	CAT50 E/M Holder 1/4" x 4"	124.00	124.00
7-185-511	1	CAT50 E/M Holder 3/8" x 2-1/2"	101.00	101.00
7-185-521	1	CAT50 E/M Holder 1/2" x 2-5/8"	101.00	101.00
7-185-531	1	CAT50 E/M Holder 5/8" x 3-3/4"	110.00	110.00
7-185-541	1	CAT50 E/M Holder 3/4" x 3-3/4"	110.50	110.50
7-185-561	1	CAT50 E/M Holder 1" x 4"	111.50	111.50
7-185-571	1	CAT50 E/M Holder 1-1/4" x 4"	128.00	128.00
7-180-930	1	ER40 Wrench	23.90	23.90
Package Total Value at List Price			<b>\$2,297.40</b>	

No minimum order required

**End User  
Promo Price  
\$1,204.67**

**End User  
Promo Price  
\$1,531.60**

## Limited Offer

**October 23, 2009 – January 31, 2010**  
To purchase call your local distributor



For technical support call: 508-653-8897 • 800-992-4766 • [www.toolmex.com](http://www.toolmex.com)

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Item	Description
7-048-420Q	Keyless Drill Chuck with Integral Shank, NMTB-QC-40, 1/2in
7-048-430Q	Keyless Drill Chuck with Integral Shank, NMTB-QC-40, 5/8in
7-048-520	Keyless Drill Chuck with Integral Shank, NST50, 1/2in
7-048-530	Keyless Drill Chuck with Integral Shank, NST50, 5/8in
7-050-005	Shell End Mill Arbor , Style A, MT4 - 1/2
7-050-010	Shell End Mill Arbor , Style A, MT4 - 3/4
7-050-015	Shell End Mill Arbor , Style A, MT4 - 1
7-050-020	Shell End Mill Arbor , Style A, MT4 - 1.1/4
7-050-025	Shell End Mill Arbor , Style A, MT4 - 1.1/2
7-050-030	Shell End Mill Arbor , Style A, MT5 - 1
7-050-035	Shell End Mill Arbor , Style A, MT5 - 1.1/4
7-050-040	Shell End Mill Arbor , Style A, MT5 - 1.1/2
7-051-064	Precision Ball Bearing Keyless Drill Chucks, 0 - 1/4 JT1
7-051-135	Precision Ball Bearing Keyless Drill Chucks, 1/32 - 1/2in. JT2
7-051-137	Precision Ball Bearing Keyless Drill Chucks, 1/32 - 1/2 JT33
7-051-138	Precision Ball Bearing Keyless Drill Chucks, 1/32 - 1/2in. JT6
7-051-168	Precision Ball Bearing Keyless Drill Chucks, 1/8 - 5/8 JT6
7-051-169	Precision Ball Bearing Keyless Drill Chucks, 1/8 - 5/8 JT33
7-051-335	Precision Ball Bearing Keyless Drill Chucks, 1/32 - 1/2in. JT2 NC
7-051-337	Precision Ball Bearing Keyless Drill Chucks, 1/32 - 1/2in. JT33 NC
7-051-338	Precision Ball Bearing Keyless Drill Chucks, 1/32 - 1/2in. JT6 NC
7-051-368	Precision Ball Bearing Keyless Drill Chucks, 1/8 - 5/8in. JT6 NC
7-051-369	Precision Ball Bearing Keyless Drill Chucks, 1/8 - 5/8in. JT3 NC
7-051-866	Light Duty Ball Bearing Keyless Drill Chuck, 0-1/4in. with 3/8-24 mount.
7-051-913	Precision Ball Bearing Keyless Drill Chucks, 1/2in Jaws 3 Pc. Set
7-051-916	Precision Ball Bearing Keyless Drill Chucks, 5/8in Jaws 3 Pc. Set
7-052-031Q	Drill Chuck Arbor, NMTB-QC/NST30 to JT1
7-052-0333Q	Drill Chuck Arbor, NMTB-QC/NST30 to JT33
7-052-033Q	Drill Chuck Arbor, NMTB-QC/NST30 to JT3
7-052-036Q	Drill Chuck Arbor, NMTB-QC/NST30 to JT6
7-052-041Q	Drill Chuck Arbor, NMTB-QC/NST40 to JT1
7-052-042Q	Drill Chuck Arbor, NMTB-QC/NST40 to JT2
7-052-0433Q	Drill Chuck Arbor, NMTB-QC/NST40 to JT33
7-052-043Q	Drill Chuck Arbor, NMTB-QC/NST40 to JT3
7-052-046Q	Drill Chuck Arbor, NMTB-QC/NST40 to JT6
7-052-053	Drill Chuck Arbor, NMTB/NST50 to JT3
7-052-0533	Drill Chuck Arbor, NMTB/NST50 to JT33
7-052-054Q	Drill Chuck Arbor, NMTB-QC/NST50 to JT4
7-052-055	Drill Chuck Arbor, NMTB/NST50 to JT5
7-052-101	Drill Chuck Arbor, MT1 to JT1
7-052-102	Drill Chuck Arbor, MT1 to JT2
7-052-103	Drill Chuck Arbor, MT1 to JT3
7-052-106	Drill Chuck Arbor, MT1 to JT6
7-052-133	Drill Chuck Arbor, MT1 to JT33
7-052-201	Drill Chuck Arbor, MT2 to JT1
7-052-202	Drill Chuck Arbor, MT2 to JT2
7-052-203	Drill Chuck Arbor, MT2 to JT3
7-052-206	Drill Chuck Arbor, MT2 to JT6

Item	Description
7-052-233	Drill Chuck Arbor, MT2 to JT33
7-052-302	Drill Chuck Arbor, MT3 to JT2
7-052-303	Drill Chuck Arbor, MT3 to JT3
7-052-304	Drill Chuck Arbor, MT3 to JT4
7-052-305	Drill Chuck Arbor, MT3 to JT5
7-052-306	Drill Chuck Arbor, MT3 to JT6
7-052-333	Drill Chuck Arbor, MT3 to JT33
7-052-403	Drill Chuck Arbor, MT4 to JT3
7-052-404	Drill Chuck Arbor, MT4 to JT4
7-052-405	Drill Chuck Arbor, MT4 to JT5
7-052-406	Drill Chuck Arbor, MT4 to JT6
7-052-433	Drill Chuck Arbor, MT4 to JT33
7-052-503	Drill Chuck Arbor, MT5 to JT3
7-052-504	Drill Chuck Arbor, MT5 to JT4
7-052-505	Drill Chuck Arbor, MT5 to JT5
7-052-506	Drill Chuck Arbor, MT5 to JT6
7-052-533	Drill Chuck Arbor, MT5 to JT33
7-052-610	Drill Chuck Arbor, MT2 to 3/8x24
7-052-613	Drill Chuck Arbor, MT2 to 1/2x20
7-052-616	Drill Chuck Arbor, MT2 to 5/8x16
7-052-700	Drill Chuck Arbor, 2-1/2x1/2 to JT0
7-052-701	Drill Chuck Arbor, 2-1/2x1/2 to JT1
7-052-702	Drill Chuck Arbor, 2-1/2x1/2 to JT2
7-052-703	Drill Chuck Arbor, 2-1/2x1/2 to JT3
7-052-7033	Drill Chuck Arbor, 2-1/2x1/2 to JT33
7-052-706	Drill Chuck Arbor, 2-1/2x1/2 to JT6
7-052-721	Drill Chuck Arbor, 2-1/2x5/8 to JT1
7-052-722	Drill Chuck Arbor, 2-1/2x5/8 to JT2
7-052-723	Drill Chuck Arbor, 2-1/2x5/8 to JT3
7-052-7233	Drill Chuck Arbor, 2-1/2x5/8 to JT33
7-052-724	Drill Chuck Arbor, 2-1/2x5/8 to JT4
7-052-726	Drill Chuck Arbor, 2-1/2x5/8 to JT6
7-052-742	Drill Chuck Arbor, 3x3/4 to JT2
7-052-743	Drill Chuck Arbor, 3x3/4 to JT3
7-052-7433	Drill Chuck Arbor, 3x3/4 to JT33
7-052-744	Drill Chuck Arbor, 3x3/4 to JT4
7-052-746	Drill Chuck Arbor, 3x3/4 to JT6
7-052-762	Drill Chuck Arbor, 3x1 to JT2
7-052-763	Drill Chuck Arbor, 3x1 to JT3
7-052-7633	Drill Chuck Arbor, 3x1 to JT33
7-052-764	Drill Chuck Arbor, 3x1 to JT4
7-052-766	Drill Chuck Arbor, 3x1 to JT6
7-052-801	Drill Chuck Arbor, R8 to JT1
7-052-802	Drill Chuck Arbor, R8 to JT2
7-052-803	Drill Chuck Arbor, R8 to JT3
7-052-804	Drill Chuck Arbor, R8 to JT4
7-052-805	Drill Chuck Arbor, R8 to JT5
7-052-806	Drill Chuck Arbor, R8 to JT6
7-052-833	Drill Chuck Arbor, R8 to JT33
7-055-005	Shell End Mill Arbor, Style B, MT4 - 1/2

Item	Description
7-055-010	Shell End Mill Arbor, Style B, MT4 - 3/4
7-055-030	Shell End Mill Arbor, Style B, MT5 - 1
7-055-035	Shell End Mill Arbor, Style B, MT5 - 1¼
7-055-040	Shell End Mill Arbor, Style B, MT5 - 1.1/2
7-060-005	Shell End Mill Arbor NST30, 1/2
7-060-005Q	Shell End Mill Arbor NST/QC-30, 1/2
7-060-010Q	Shell End Mill Arbor NST/QC-30, 3/4
7-060-015Q	Shell End Mill Arbor NST/QC-30, 1
7-060-020Q	Shell End Mill Arbor NST/QC-30, 1.1/4
7-060-030Q	Shell End Mill Arbor NST/QC-40, 3/4
7-060-035Q	Shell End Mill Arbor NST/QC-40, 1
7-060-040Q	Shell End Mill Arbor NST/QC-40, 1.1/4
7-060-045Q	Shell End Mill Arbor NST/QC-40, 1.1/2
7-060-050Q	Shell End Mill Arbor NST/QC-40, 2
7-060-060Q	Shell End Mill Arbor NST/QC-50, 3/4
7-060-065Q	Shell End Mill Arbor NST/QC-50, 1
7-060-070Q	Shell End Mill Arbor NST/QC-50, 1.1/4
7-060-075Q	Shell End Mill Arbor NST/QC-50, 1.1/2
7-060-080Q	Shell End Mill Arbor NST/QC-50, 2
7-064-005	Shell End Mill Holder with Weldon Shank, 3/4x3/4
7-064-010	Shell End Mill Holder with Weldon Shank, 1x1
7-064-015	Shell End Mill Holder with Weldon Shank, 1.1/4x1
7-064-020	Shell End Mill Holder with Weldon Shank, 1/2x1¼
7-064-025	Shell End Mill Holder with Weldon Shank, 3/4x1.1/4
7-064-030	Shell End Mill Holder with Weldon Shank, 1x1.1/4
7-064-035	Shell End Mill Holder with Weldon Shank, 1x1.1/2
7-065-005	R8 Shell End Mill Arbor, R8 - 1/2
7-065-010	R8 Shell End Mill Arbor, R8 - 3/4
7-065-015	R8 Shell End Mill Arbor, R8 - 1
7-065-020	R8 Shell End Mill Arbor, R8 - 1.1/4
7-065-025	R8 Shell End Mill Arbor, R8 - 1.1/2
7-067-004	Shell Reamer Arbor Morse Taper Shank, MT2 - 3/8
7-067-005	Shell Reamer Arbor Morse Taper Shank, MT2 - 1/2
7-067-006	Shell Reamer Arbor Morse Taper Shank, MT3 - 5/8
7-067-007	Shell Reamer Arbor Morse Taper Shank, MT3 - 3/4
7-067-008	Shell Reamer Arbor Morse Taper Shank, MT4 - 1
7-067-009	Shell Reamer Arbor Morse Taper Shank, MT4 - 1.1/4
7-067-010	Shell Reamer Arbor Morse Taper Shank, MT5 - 1.1/2
7-067-011	Shell Reamer Arbor Morse Taper Shank, MT5 - 1.3/4
7-068-004	Shell Reamer Arbor, Straight Shank, 1/2 - 3/8
7-068-005	Shell Reamer Arbor, Straight Shank, 5/8 - 1/2
7-068-006	Shell Reamer Arbor, Straight Shank, 3/4 - 5/8
7-068-007	Shell Reamer Arbor, Straight Shank, 7/8 - 3/4
7-068-008	Shell Reamer Arbor, Straight Shank, 1.1/8 - 1
7-068-009	Shell Reamer Arbor, Straight Shank, 1.3/8 - 1.1/4
7-068-010	Shell Reamer Arbor, Straight Shank, 1.5/8 - 1.1/2

Item	Description
7-068-011	Shell Reamer Arbor, Straight Shank, 2 - 1.3/4
7-068-012	Shell Reamer Arbor, Straight Shank, 2.1/8 - 2
7-070-005	R8 Stub Arbor, R8 - 1
7-070-010	R8 Stub Arbor, R8 - 1.1/4
7-072-005	Stub Milling Machine Arbor, Weldon Shank, 1/2x1/2x1, LH Thread
7-072-010	Stub Milling Machine Arbor, Weldon Shank, 1/2x5/8x1, LH Thread
7-072-015	Stub Milling Machine Arbor, Weldon Shank, 1/2x3/4x1, LH Thread
7-072-020	Stub Milling Machine Arbor, Weldon Shank, 3/4x1/2x1, LH Thread
7-072-025	Stub Milling Machine Arbor, Weldon Shank, 3/4x5/8x1, LH Thread
7-072-030	Stub Milling Machine Arbor, Weldon Shank, 3/4x3/4x1, LH Thread
7-072-035	Stub Milling Machine Arbor, Weldon Shank, 3/4x7/8x1, LH Thread
7-072-040	Stub Milling Machine Arbor, Weldon Shank, 3/4x1x1, LH Thread
7-072-045	Stub Milling Machine Arbor, Weldon Shank, 3/4x1.1/4x1, LH Thread
7-072-605	Stub Milling Machine Arbors - Weldon Shank, Spacer 1/2in.x1/2in.
7-072-745	Stub Milling Machine Arbor - Weldon Shank, Spacer 1/4in. X 1.1/4in.
7-072-840	Stub Milling Machine Arbors - Weldon Shank, Spacer 1/8in. X 1in.
7-072-845	Stub Milling Machine Arbor - Weldon Shank, Spacer 1/8in. X 1.1/4in.
7-075-002Q	4in Extension Shell End Mill Arbor, QC40, 3/4
7-075-005	4in Extension Shell End Mill Arbor, #40, 1
7-075-005Q	4in Extension Shell End Mill Arbor, QC40, 1
7-075-010Q	4in Extension Shell End Mill Arbor, QC50, 1
7-075-015Q	4in Extension Shell End Mill Arbor, QC50, 1.1/4
7-075-020Q	4in Extension Shell End Mill Arbor, QC50, 1.1/2
7-132-305	NMTB QC-30 TG75 Collet Chuck, 2.1/2in
7-132-310	NMTB QC-30 TG100 Collet Chuck, 3.15/16in
7-132-405	NMTB QC-40 TG75 Collet Chuck, 2.1/2in
7-132-410	NMTB QC-40 TG100 Collet Chuck, 3in
7-132-510	NMTB QC-50 TG100 Collet Chuck, 3.1/2in
7-132-535	NMTB QC-50 TG150 Collet Chuck, 5in
7-150-005	End Mill Holder, MT Sh, DrawBarEnd, MT2 -3/16 B
7-150-007	End Mill Holder, MT Sh, DrawBarEnd, MT2 -1/4 B
7-150-010	End Mill Holder, MT Sh, DrawBarEnd, MT2 -3/8 B
7-150-015	End Mill Holder, MT Sh, DrawBarEnd, MT2 -1/2 B
7-150-020	End Mill Holder, MT Sh, DrawBarEnd, MT2 -5/8 B
7-150-025	End Mill Holder, MT Sh, DrawBarEnd, MT3 -3/16 B
7-150-027	End Mill Holder, MT Sh, DrawBarEnd, MT3 -1/4 B
7-150-030	End Mill Holder, MT Sh, DrawBarEnd, MT3 -3/8 B
7-150-035	End Mill Holder, MT Sh, DrawBarEnd, MT3 -1/2 B
7-150-040	End Mill Holder, MT Sh, DrawBarEnd, MT3 -5/8 B
7-150-045	End Mill Holder, MT Sh, DrawBarEnd, MT3 -3/4 B
7-150-050	End Mill Holder, MT Sh, DrawBarEnd, MT4 -3/8 B
7-150-055	End Mill Holder, MT Sh, DrawBarEnd, MT4 -1/2 B
7-150-060	End Mill Holder, MT Sh, DrawBarEnd, MT4 -5/8 B
7-150-065	End Mill Holder, MT Sh, DrawBarEnd, MT4 -3/4 B
7-150-075	End Mill Holder, MT Sh, DrawBarEnd, MT4 -1 B
7-150-080	End Mill Holder, MT Sh, DrawBarEnd, MT5 -3/8 B

Item	Description
7-150-095	End Mill Holder, MT Sh, DrawBarEnd, MT5 -3/4 B
7-150-105	End Mill Holder, MT Sh, DrawBarEnd, MT5 -1 B
7-150-110	End Mill Holder, MT Sh, DrawBarEnd, MT5 -1.1/4 B
7-150-115	End Mill Holder, MT Sh, DrawBarEnd, MT5 -1.1/2 B
7-150-120	End Mill Holder, MT Sh, DrawBarEnd, MT5 -2 B
7-150-302	End Mill Holder Set, MT2 Sh, 5Pc, 3/16-5/8 B
7-150-303	End Mill Holder Set, MT3 Sh, 6Pc, 3/16-3/4 B
7-155-005	End Mill Holder, MT Shank, Tanged End, MT2 -3/16 A
7-155-007	End Mill Holder, MT Shank, Tanged End, MT2 -1/4 A
7-155-010	End Mill Holder, MT Shank, Tanged End, MT2 -3/8 A
7-155-015	End Mill Holder, MT Shank, Tanged End, MT2 -1/2 A
7-155-020	End Mill Holder, MT Shank, Tanged End, MT2 -5/8 A
7-155-025	End Mill Holder, MT Shank, Tanged End, MT3 -3/16 A
7-155-027	End Mill Holder, MT Shank, Tanged End, MT3 -1/4 A
7-155-030	End Mill Holder, MT Shank, Tanged End, MT3 -3/8 A
7-155-035	End Mill Holder, MT Shank, Tanged End, MT3 -1/2 A
7-155-040	End Mill Holder, MT Shank, Tanged End, MT3 -5/8 A
7-155-045	End Mill Holder, MT Shank, Tanged End, MT3 -3/4 A
7-155-050	End Mill Holder, MT Shank, Tanged End, MT4 -3/8 A
7-155-055	End Mill Holder, MT Shank, Tanged End, MT4 -1/2 A
7-155-060	End Mill Holder, MT Shank, Tanged End, MT4 -5/8 A
7-155-065	End Mill Holder, MT Shank, Tanged End, MT4 -3/4 A
7-155-070	End Mill Holder, MT Shank, Tanged End, MT4 -7/8 A
7-155-075	End Mill Holder, MT Shank, Tanged End, MT4 -1 A
7-155-080	End Mill Holder, MT Shank, Tanged End, MT5 -3/8 A
7-155-085	End Mill Holder, MT Shank, Tanged End, MT5 -1/2 A
7-155-090	End Mill Holder, MT Shank, Tanged End, MT5 -5/8 A
7-155-095	End Mill Holder, MT Shank, Tanged End, MT5 -3/4 A
7-155-100	End Mill Holder, MT Shank, Tanged End, MT5 -7/8 A
7-155-105	End Mill Holder, MT Shank, Tanged End, MT5 -1 A
7-155-110	End Mill Holder, MT Shank, Tanged End, MT5 -1.1/4 A
7-155-115	End Mill Holder, MT Shank, Tanged End, MT5 -1.1/2 A
7-155-120	End Mill Holder, MT Shank, Tanged End, MT5 - 2 A
7-155-302	End Mill Holder Set, MT Shank, Tanged End, MT2, 5Pc, 3/16-5/8 A
7-155-304	End Mill Holder Set, MT Shank, Tanged End, MT4, 5Pc, 3/8 -7/8 A
7-155-305	End Mill Holder Set, MT Shank, Tanged End, MT5, 9Pc, 3/8 - 2 A
7-160-005	End Mill Holder, R8 Shank, 3/16
7-160-007	End Mill Holder, R8 Shank, 1/4
7-160-010	End Mill Holder, R8 Shank, 3/8
7-160-015	End Mill Holder, R8 Shank, 1/2
7-160-020	End Mill Holder, R8 Shank, 5/8
7-160-025	End Mill Holder, R8 Shank, 3/4
7-160-030	End Mill Holder, R8 Shank, 7/8
7-160-035	End Mill Holder, R8 Shank, 1
7-160-040	End Mill Holder, R8 Shank, 1.1/4
7-160-045	End Mill Holder, R8 Shank, 1.1/2
7-160-105	End Mill Holder Set, R8 Shank, 5Pc, 3/16 to 3/4in
7-160-108	End Mill Holder Set, R8 Shank, 8Pc, 3/16 to 1.1/4in
7-160-905	End Mill Holder Set, R8 Shank, Box for 5 Pc Set

Item	Description
7-160-908	End Mill Holder Set, R8 Shank, Box for 8 Pc Set
7-161-110	R8 TG100 Collet Chuck, 3.1/8 in
7-161-1101	R8 TG 100 Collet Chuck Set,12Pc, 3-1/8in
7-162-250	Stright Shank 1in Through spindle coolant capability.
7-162-255	Stright Shank 1-1/4in Through spindle coolant cacpability.
7-165-005Q	End Mill Holder, NMTB-QC-30 Shank, 3/16in, Type 7620-30-3/16-2 QC
7-165-007Q	End Mill Holder, NMTB-QC-30 Shank, 1/4in, Type 7620-30-1/4-2 QC
7-165-010Q	End Mill Holder, NMTB-QC-30 Shank, 3/8in, Type 7620-30-3/8-2 QC
7-165-015Q	End Mill Holder, NMTB-QC-30 Shank, 1/2in, Type 7620-30-1/2-2 QC
7-165-020	End Mill Holder, NST30 Shank, 5/8in
7-165-020Q	End Mill Holder, NMTB-QC-30 Shank, 5/8in, Type 7620-30-5/8-2.5 QC
7-165-025Q	End Mill Holder, NMTB-QC-30 Shank, 3/4in, Type 7620-30-3/4-2.5 QC
7-165-026Q	End Mill Holder, NMTB-QC-30 Shank, 7/8in, Type 7620-30-7/8-4 QC
7-165-027Q	End Mill Holder, NMTB-QC-30 Shank, 1in, Type 7620-30-1-4 QC
7-165-030Q	End Mill Holder, NMTB-QC-40 Shank, 3/16in, Type 7620-31-1-4 QC
7-165-032Q	End Mill Holder, NMTB-QC-40 Shank, 1/4in, Type 7620-40-1/4-2-QC
7-165-035Q	End Mill Holder, NMTB-QC-40 Shank, 3/8in, Type 7620-40-3/8-2 QC
7-165-040Q	End Mill Holder, NMTB-QC-40 Shank, 1/2in, Type 7620-40-1/2-2 QC
7-165-045Q	End Mill Holder, NMTB-QC-40 Shank, 5/8in, Type 7620-40-5/8-2.5 QC
7-165-050Q	End Mill Holder, NMTB-QC-40 Shank, 3/4in, Type 7620-40-3/4-2.5 QC
7-165-055Q	End Mill Holder, NMTB-QC-40 Shank, 7/8in, Type 40-7/8-3.5 QC
7-165-060Q	End Mill Holder, NMTB-QC-40 Shank, 1in, Type 7620-40-1-3.5 QC
7-165-065Q	End Mill Holder, NMTB-QC-40 Shank, 1.1/4in, Type 7620-40-1.1/4 QC
7-165-070Q	End Mill Holder, NMTB-QC-40 Shank, 1.1/2in, Type 7620-40-1.1/2-4 QC
7-165-073Q	End Mill Holder, NMTB-QC-50 Shank, 3/16in, Type 7620 50-3/16 QC
7-165-075Q	End Mill Holder, NMTB-QC-50 Shank, 3/8in
7-165-080Q	End Mill Holder, NMTB-QC-50 Shank, 1/2in, Type 7620-50-1/2-2.75 QC
7-165-085Q	End Mill Holder, NMTB-QC-50 Shank, 5/8
7-165-090Q	End Mill Holder, NMTB-QC-50 Shank, 3/4in, Type 7620-50-3/4-2.875 QC
7-165-095Q	End Mill Holder, NMTB-QC-50 Shank, 7/8in
7-165-100Q	End Mill Holder, NMTB-QC-50 Shank, 1in, Type 7620-50-1-3.50 QC
7-165-105Q	End Mill Holder, NMTB-QC-50 Shank, 1.1/4in
7-165-110Q	End Mill Holder, NMTB-QC-50 Shank, 1.1/2in
7-165-115Q	End Mill Holder, NMTB-QC-50 Shank, 2in
7-165-300Q	End Mill Holder Set, NMTB-QC-30 Shank, 7pc,3/16-1in
7-165-307Q	End Mill Holder Set, NMTB-QC-30 Shank, 8 Pc, 3/16-1in
7-165-400Q	End Mill Holder Set, NMTB-QC40 Shank,9Pc,3/16-1.1/4in
7-165-409Q	End Mill Holder Set, NMTB-QC40 Shank,10Pc,3/16-1.1/2in
7-165-510Q	End Mill Holder Set, NMTB-QC-50 Shank, 10 Pc 3/16-2in
7-167-003	DA200 Collet Chuck 3/4x5.1/2, with mini hex nut
7-167-004	DA200 Collet Chuck, 3/4 x7.1/2, with mini hex nut
7-167-005	DA100 Collet Chuck, 1x5.1/2, with mini hex nut, wrench size 15/16in.
7-167-010	DA100 Collet Chuck, 1x7.1/2, with mini hex nut, wrench size 15/16in.
7-167-013	DA180 Collet Chuck, NST/NMTB-QC 30
7-167-014	DA180 Collet Chuck, NST/NMTB-QC 40
7-167-015	DA180 Collet Chuck, NST/NMTB-QC 50
7-167-020	DA180 Collet Chuck, R8

Item	Description
7-167-023	DA180 Collet Chuck, 1.1/4x3
7-167-025	DA180 Collet Chuck, 1.1/4x5.1/2
7-170-005	Face Mill Holder, NST40, 2in (7349)
7-170-010	Face Mill Holder, NST50, 2in (7349)
7-170-020	Face Mill Holder, NST40, 2.1/2 (7349)
7-170-025	Face Mill Holder, NST50, 2.1/2 (7349)
7-170-030	Face Mill Holder, NST60, 2.1/2 (7349)
7-170-035	Face Mill Holder, MT5, 2in (2842)
7-170-040	Face Mill Holder, MT6, 2in (2842)
7-170-045	Face Mill Holder, MT5, 2.1/2 (2842)
7-170-050	Face Mill Holder, MT6, 2.1/2 (2842)
7-171-1105	ER11 Spring Collet Chuck, 1/2in
7-171-1106	ER11 Spring Collet Chuck, 5/8in
7-171-1115	ER11 Spring Collet Chuck Kit, 1/2in
7-171-1116	ER11 Spring Collet Chuck Kit, 5/8in
7-171-1606	ER16 Spring Collet Chuck, 5/8in
7-171-1607	ER16 Spring Collet Chuck, 3/4in
7-171-1608	ER16 Spring Collet Chuck with R8 Shank
7-171-1616	ER16 Spring Collet Chuck Kit, 5/8in
7-171-1617	ER16 Spring Collet Chuck Kit, 3/4in
7-171-1730	ER16 Spring Collet Chuck with NST/NMTB-QC 30 Shank, with Hex Nut
7-171-1740	ER16 Spring Collet Chuck with NST/NMTB-QC 40 Shank, 2.36in. with Hex Nut
7-171-2007	ER20 Spring Collet Chuck, 3/4in
7-171-2008	ER20 Spring Collet Chuck w R8 Shank
7-171-2009	ER20 Spring Collet Chuck, 1in
7-171-2017	ER20 Spring Collet Chuck Kit, 3/4in
7-171-2019	ER20 Spring Collet Chuck Kit, 1in
7-171-2303	ER25 Spring Collet Chuck, 3/4in
7-171-2305	ER25 Spring Collet Chuck, 1in
7-171-2313	ER25 Spring Collet Chuck Kit, 3/4in
7-171-2315	ER25 Spring Collet Chuck Kit, 1in
7-171-2508	ER25 Collet Chuck with R8 Shank & Round Nut.
7-171-2640	ER25 Collet Chuck w NMTB-40 Shank,2.36in
7-171-3001	ER32 Collet Chuck, 1in
7-171-3003	ER32 Collet Chuck w MT-3 Shank
7-171-3008	ER32 Collet Chuck w R8 Shank
7-171-3030	ER32 Collet Chuck w NMTB-30 Shank, 2.36in w Round Nut.
7-171-3040	ER32 Collet Chuck w NMTB-40 Shank, 2.75in w Round Nut.
7-171-3101	ER Spring Collet Chuck System, 1in Chuck Kit ER-32
7-171-3103	ER Spring Collet Chuck System, MT-3 Chuck Kit ER-32
7-171-3104M	ER32 Collet Chuck Set, MT-4, 10 piece Set includes: 1 collet chuck, 1 wrench, ER32 collets 4, 5, 6, 8, 10, 12, 16 & 20mm.
7-171-3108	ER32 Collet Chuck Kit, R8 Shank
7-171-3130	ER32 Collet Chuck Kit,w NMTB-30 Shank
7-171-3140	ER32 Collet Chuck Kit, ISO 40
7-171-4001	ER Spring Collet Chuck System, 1in Chuck for ER-40
7-171-4002	ER Spring Collet Chuck System, 1.1/4in Chuck for ER-40
7-171-4008	ER Spring Collet Chuck System, R8 Chuck For ER-40

Item	Description
7-171-4030	ER40 Collet Chuck w NMTB-QC30 Shank, 3.5in, Round Nut, 1/2-13 Draw Bar Thread
7-171-4040	ER40 Spring Collet Chuck w NMTB-40 Shank, 2.36in, with Round Nut.
7-171-4050	ER40 Spring Collet Chuck w NMTB-50 Shank, 2.75in, with Round Nut.
7-171-4101	ER40 Spring Collet Chuck Kit, 1in
7-171-4102	ER40 Spring Collet Chuck Kit, 1.1/4in
7-171-4104	ER40 Spring Collet Chuck Kit w MT-4 Shank
7-171-4108	ER40 Spring Collet Chuck Kit w R8 Shank
7-171-4140	ER40 Spring Collet Chuck Kit w NMTB-40 Shank
7-171-4150	ER40 Spring Collet Chuck Kit, ISO 50
7-171-5216	ER16 Metric Spring Collet Chuck Kit, 5/8in
7-171-6219	ER20 Metric Spring Collet Chuck Kit, 1in .
7-172-003	BT40 TG100 Collet Chuck, 3in Balanced 15000, G6.3.
7-172-005	BT40 TG100 Collet Chuck, 5in Balanced, G6.3.
7-172-301	BT30 TG75 Collet Chuck, 2.5in
7-172-401	BT40 TG75 Collet Chuck, 3in
7-172-403	BT40 TG100 Collet Chuck, 3in
7-172-405	BT40 TG100 Collet Chuck, 5in
7-172-407	BT40 TG100 Collet Chuck, 7in
7-172-503	BT50 TG100 Collet Chuck, 3.5in
7-172-505	BT50 TG100 Collet Chuck, 5.5in
7-172-512	BT50 TG150 Collet Chuck, 4in
7-172-6035	BT45 TG100 Collet Chuck, 3.50in
7-173-301	BT30 to MT1 Adapter
7-173-401	BT40 to MT1 Adapter
7-173-402	BT40 to MT2 Adapter
7-173-403	BT40 to MT3 Adapter
7-173-404	BT40 to MT4 Adapter
7-173-502	BT50 to MT2 Adapter
7-173-503	BT50 to MT3 Adapter
7-173-504	BT50 to MT4 Adapter
7-173-505	BT50 to MT5 Adapter
7-174-306	BT Flange Integral Drill Chuck with BT30 Shank, 0 - 1/4 (0.3 - 6mm).
7-174-433	BT-Flangeintergral Drill Chucks, 40 1/32 - 1/2in
7-174-435	BT-Flangeintergral Drill Chucks, 40 1/8 - 5/8in
7-174-563	BT-Flangeintergral Drill Chucks, 50 1/32 - 1/2in
7-174-565	BT-Flangeintergral Drill Chucks, 50 1/8 - 5/8in
7-175-302	BT30 to JT2 Adapter
7-175-303	BT30 to JT3 Adapter
7-175-333	BT30 to JT33 Adapter
7-175-402	BT40 to JT2 Adapter
7-175-403	BT40 to JT3 Adapter
7-175-404	BT40 to JT4 Adapter
7-175-406	BT40 to JT6 Adapter
7-175-433	BT40 to JT33 Adapter
7-175-503	BT50 to JT3 Adapter
7-175-504	BT50 to JT4 Adapter

Item	Description
7-175-506	BT50 to JT6 Adapter
7-175-533	BT50 to JT33 Adapter
7-176-3511	BT35 Shell End Mill Adapter, 1.1/2 x2.1/2
7-176-403	BT40 Shell End Mill Adapter, 1/2x1.3/4
7-176-405	BT40 Shell End Mill Adapter, 3/4x2
7-176-407	BT40 Shell End Mill Adapter, 1x2
7-176-409	BT40 Shell End Mill Adapter, 1.1/4x2.1/4
7-176-411	BT40 Shell End Mill Adapter, 1.1/2x2.1/4
7-176-509	BT50 Shell End Mill Adapter, 3/4x2.1/4
7-176-511	BT50 Shell End Mill Adapter, 3/4x6
7-176-515	BT50 Shell End Mill Adapter, 1x2.1/4
7-176-517	BT50 Shell End Mill Adapter, 1x4
7-176-519	BT50 Shell End Mill Adapter, 1x6
7-176-521	BT50 Shell End Mill Adapter, 1.1/4x2
7-176-523	BT50 Shell End Mill Adapter, 1.1/4x4
7-176-525	BT50 Shell End Mill Adapter, 1.1/4x6
7-176-527	BT50 Shell End Mill Adapter, 1.1/2x2
7-176-529	BT50 Shell End Mill Adapter, 1.1/2x4
7-176-531	BT50 Shell End Mill Adapter, 1.1/2x6
7-176-533	BT50 Shell End Mill Adapter, 2x2
7-176-535	BT50 Shell End Mill Adapter, 2x4
7-177-415	BT-Flange DA Collet Chucks, 40xDA-180x2.75
7-177-424	BT-Flange DA Collet Chucks, 40xDA-180x4
7-178-014	BT40 ER16 Collet Chuck, 3.94in, Balanced, 15000RPM, G6.5.
7-178-025	BT40 ER25 Collet Chuck, 2.36in, Balanced, 15000RPM, G6.3.
7-178-032	BT40 ER32 Collet Chuck, 2.75in, Balanced, 20000RPM G2.5
7-178-042	BT40 ER40 Collet Chuck, 2.75in, Balanced, 15000RPM, G6.3.
7-178-130	BT40xER32x30mm Collet Chuck, Super Short, Balanced 25000RPM G2.5.
7-178-132	BT50 ER32 Collet Chuck, 2.75in, Balanced, 15000RPM, G6.3.
7-178-142	BT50 ER40 Collet Chuck, 3.15in, Balanced, 15000RPM. G6.3.
7-178-332	BT30 ER25 Collet Chuck, 2.00in
7-178-414	BT40 ER16 Collet Chuck, 3.94in
7-178-416	BT40 ER16 Collet Chuck, 5.91in
7-178-425	BT40 ER25 Collet Chuck, 2.36in
7-178-432	BT40 ER32 Collet Chuck, 2.75in
7-178-434	BT40 ER32 Collet Chuck, 4in
7-178-436	BT40 ER32 Collet Chuck, 6in
7-178-442	BT40 ER40 Collet Chuck, 2.75in
7-178-444	BT40 ER40 Collet Chuck, 4in
7-178-446	BT40 ER40 Collet Chuck, 6in
7-178-449	BT40 ER40 Collet Chuck, 2.75in 17 pc. Set
7-178-514	BT50 ER16 Collet Chuck, 3.94in
7-178-516	BT50 ER16 Collet Chuck, 5.91in
7-178-532	BT50 ER32 Collet Chuck, 2.75in
7-178-542	BT50 ER40 Collet Chuck, 3.15in
7-178-549	BT50 ER40 Collet Chuck, 3.15in 17PcSet
7-178-605	BT45 ER16 Collet Chuck, 150mm.

Item	Description
7-179-002	BT Flange End Mill Holder, BT40x3/16x2-1/2in Balanced 15000RPM, G6.3.
7-179-004	BT Flange End Mill Holder, BT40x1/4x2-1/2in, Balanced 15000RPM, G6.3.
7-179-007	BT Flange End Mill Holder, BT40x5/16x2-1/2in, Balanced 15000RPM, G6.3.
7-179-011	BT Flange End Mill Holder, BT40x3/8x2-1/2in, Balanced 15000RPM, G6.3.
7-179-021	BT Flange End Mill Holder, BT40x1/2x2-1/2in, Balanced 15000RPM, G6.3.
7-179-031	BT Flange End Mill Holder, BT40x5/8x2-1/2in, Balanced 15000RPM, G6.3.
7-179-041	BT Flange End Mill Holder, BT40x3/4x2-1/2in, Balanced 15000RPM, G6.3.
7-179-051	BT Flange End Mill Holder, BT40x7/8x3-1/2in Balanced 15000RPM, G6.3.
7-179-061	BT Flange End Mill Holder, BT40x1.0x3-1/2in, Balanced 15000RPM, G6.3.
7-179-302	BT30 End Mill Holder, 3/16x2.1/2
7-179-304	BT30 End Mill Holder, 1/4x2.1/2
7-179-311	BT30 End Mill Holder, 3/8x2.1/2
7-179-321	BT30 End Mill Holder, 1/2x2.1/2
7-179-331	BT30 End Mill Holder, 5/8x2.1/2
7-179-341	BT30 End Mill Holder, 3/4x2.1/2
7-179-402	BT40 End Mill Holder, 3/16x2.1/2
7-179-404	BT40 End Mill Holder, 1/4x2.1/2
7-179-407	BT40 End Mill Holder, 5/16x2.1/2
7-179-411	BT40 End Mill Holder, 3/8x2.1/2
7-179-415	BT40 End Mill Holder, 3/8x4
7-179-421	BT40 End Mill Holder, 1/2x2.1/2
7-179-425	BT40 End Mill Holder, 1/2x4
7-179-431	BT40 End Mill Holder, 5/8x2.1/2
7-179-435	BT40 End Mill Holder, 5/8x4
7-179-441	BT40 End Mill Holder, 3/4x2.1/2
7-179-445	BT40 End Mill Holder, 3/4x4
7-179-451	BT40 End Mill Holder, 7/8x3.1/2
7-179-461	BT40 End Mill Holder, 1x3.1/2
7-179-465	BT40 End Mill Holder, 1x5
7-179-475	BT40 End Mill Holder, 1.1/4x4
7-179-511	BT50 End Mill Holder, 3/8x3
7-179-521	BT50 End Mill Holder, 1/2x3
7-179-531	BT50 End Mill Holder, 5/8x3
7-179-541	BT50 End Mill Holder, 3/4x3
7-179-561	BT50 End Mill Holder, 1x4
7-179-571	BT50 End Mill Holder, 1.1/4x4
7-179-581	BT50 End Mill Holder, 1.1/2x4
7-179-591	BT50 End Mill Holder, 2x5
7-179-7055	BT45 End Mill Holder, 1/8inx135mm
7-179-7075	BT45 End Mill Holder, 1/4inx135mm
7-179-709	BT45 End Mill Holder, 5/16inx75mm
7-179-7095	BT45 End Mill Holder, 5/16inx135mm
7-179-711	BT45 End Mill Holder, 3/8inx75mm
7-179-7115	BT45 End Mill Holder, 3/8inx135mm
7-179-713	BT45 End Mill Holder, 1/2inx75mm
7-179-7135	BT45 End Mill Holder, 1/2inx135mm
7-180-010	CAT40 TG100 Collet Chuck, 3in, 15000 RPM G6.3
7-180-015	CAT40 TG100 Collet Chuck, 4in, 15000 RPM G6.3
7-180-103	CAT50 TG100 Collet Chuck, 3.1/8in,15000 RPM G6.3
7-180-104	CAT50 TG100 Collet Chuck, 3.1/2in,15000 RPM G6.3

Item	Description
7-180-110	CAT40 TG100 Collet Chuck, 3in, 20000 RPM G2.5
7-180-401	CAT40 TG75 Collet Chuck, 2.1/8inx3in
7-180-403	CAT40 TG100 Collet Chuck, 2.1/2inx3in
7-180-4033	CAT40 TG100 Collet Chuck Set, 3in 17 Piece Set
7-180-4038	CAT40 TG100 Collet Chuck Set, 3in 32 Piece Set
7-180-404	CAT40 TG100 Collet Chuck, 2.1/2inx4in
7-180-4043	CAT40 TG100 Collet Chuck Set, 4in, 17 Piece Set
7-180-4048	CAT40 TG100 Collet Chuck Set, 4in, 32 Piece Set
7-180-406	CAT40 TG100 Collet Chuck, 2.1/2inx6in
7-180-501	CAT50 TG75 Collet Chuck, 2.1/8inx3.5in
7-180-503	CAT50 TG100 Collet Chuck, 2.1/2inx3.1/8in
7-180-5033	CAT50 TG100 Collet Chuck Set, 3.1/8, 17 Piece Set
7-180-5038	CAT50 TG100 Collet Chuck Set, 3.1/8, 32 Piece Set
7-180-504	CAT50 TG100 Collet Chuck, 2.1/2inx3.1/2in
7-180-5043	CAT50 TG100 Collet Chuck Set, 3.1/2in, 17 Piece Set
7-180-5048	CAT50 TG100 Collet Chuck Set, 3.1/2in, 32 Piece Set
7-180-505	CAT50 TG100 Collet Chuck, 2.1/2inx5.1/2in
7-180-507	CAT50 TG100 Collet Chuck, 2.1/2inx7.1/2in
7-180-513	CAT50 TG150 Collet Chuck, 3.1/2inx3in
7-180-514	CAT50 TG150 Collet Chuck, 3.1/2inx3.1/2in
7-180-517	CAT50 TG150 Collet Chuck, 3.1/2inx5.1/2in
7-181-402	CAT40 Jacobs Taper Holder, CAT40 to J2
7-181-403	CAT40 Jacobs Taper Holder, CAT40 to J3
7-181-404	CAT40 Jacobs Taper Holder, CAT40 to J4
7-181-406	CAT40 Jacobs Taper Holder, CAT40 to J6
7-181-433	CAT40 Jacobs Taper Holder, CAT40 to J33
7-181-502	CAT50 Jacobs Taper Holder, CAT50 to J2
7-181-503	CAT50 Jacobs Taper Holder, CAT50 to J3
7-181-504	CAT50 Jacobs Taper Holder, CAT50 to J4
7-181-505	CAT50 Jacobs Taper Holder, CAT50 to J5
7-181-506	CAT50 Jacobs Taper Holder, CAT50 to J6
7-181-533	CAT50 Jacobs Taper Holder, CAT50 to J33
7-182-502	CAT50 Face Mill Holder, 2x2.4
7-182-504	CAT50 Face Mill Holder, 2x4
7-182-512	CAT50 Face Mill Holder, 2.1/2x2.4
7-182-514	CAT50 Face Mill Holder, 2.1/2x4
7-183-402	CAT40 MT Adapter, CAT40 to MT2
7-183-403	CAT40 MT Adapter, CAT40 to MT3
7-183-404	CAT40 MT Adapter, CAT40 to MT4
7-183-502	CAT50 MT Adapter, CAT50 to MT2
7-183-503	CAT50 MT Adapter, CAT50 to MT3
7-183-504	CAT50 MT Adapter, CAT50 to MT4
7-183-505	CAT50 MT Adapter, CAT50 to MT5
7-184-504	CAT50 Adapter, CAT50 to CAT40
7-185-002	CAT40 E/M Holder, 1/8inx1.3/8in, 15RPM G6.3
7-185-004	CAT40 E/M Holder, 1/8inx2.1/2in, 15RPM G6.3

Item	Description
7-185-006	CAT40 E/M Holder, 3/16inx1.3/8in,15RPM G6.3
7-185-008	CAT40 E/M Holder, 3/16inx2.1/2in,15RPM G6.3
7-185-012	CAT40 E/M Holder, 1/4inx1.3/8in,15RPM G6.3
7-185-014	CAT40 E/M Holder, 1/4inx2.1/2in,15RPM G6.3
7-185-018	CAT40 E/M Holder, 5/16inx1.3/8in,15RPM G6.3
7-185-020	CAT40 E/M Holder, 5/16inx2.1/2in,15RPM G6.3
7-185-024	CAT40 E/M Holder, 3/8inx1.3/8in 15RPM G6.3
7-185-026	CAT40 E/M Holder, 3/8inx2.1/2in 15RPM G6.3
7-185-030	CAT40 E/M Holder, 7/16inx2.1/2in,15RPM G6.3
7-185-034	CAT40 E/M Holder, 1/2inx1.3/4in 15RPM G6.3
7-185-036	CAT40 E/M Holder, 1/2inx2.5/8in 15RPM G6.3
7-185-040	CAT40 E/M Holder, 5/8inx1.3/4in 15RPM G6.3
7-185-042	CAT40 E/M Holder, 5/8inx3.3/4in, 15RPM G6.3
7-185-048	CAT40 E/M Holder, 3/4inx1.3/4in, 15RPM G6.3
7-185-050	CAT40 E/M Holder, 3/4inx3.3/4in, 15RPM G6.3
7-185-054	CAT40 E/M Holder, 7/8inx1.3/4in, 15RPM G6.3
7-185-056	CAT40 E/M Holder, 7/8inx3.1/2in, 15RPM G6.3
7-185-060	CAT40 E/M Holder, 1inx2in, 15RPM G6.3
7-185-062	CAT40 E/M Holder, 1inx4in, 15RPM G6.3
7-185-066	CAT40 E/M Holder, 1.1/4inx2in, 15RPM G6.3
7-185-068	CAT40 E/M Holder, 1.1/4inx4.1/4in, 15RPM G6.3
7-185-102	CAT50 E/M Holder, 1/4inx1.3/8in, 15RPM G6.3
7-185-108	CAT50 E/M Holder, 5/16inx2.1/2, 15RPM G6.3
7-185-110	CAT50 E/M Holder, 3/8inx1.3/8, 15RPM G6.3
7-185-120	CAT50 E/M Holder, 7/16inx2.1/2in, 15RPM G6.3
7-185-124	CAT50 E/M Holder, 1/2inx1.3/4in, 15RPM G6.3
7-185-134	CAT50 E/M Holder, 5/8inx1.3/4in, 15RPM G6.3
7-185-142	CAT50 E/M Holder, 3/4inx1.3/4in, 15RPM G6.3
7-185-152	CAT50 E/M Holder, 7/8inx1.3/4in, 15RPM G6.3
7-185-160	CAT50 E/M Holder, 1inx2in, 15RPM G6.3
7-185-170	CAT50 E/M Holder, 1.1/4inx2in, 15RPM G6.3
7-185-180	CAT50 E/M Holder, 1.1/2inx2.1/2in,15RPM G6.3
7-185-208	CAT40 E/M Holder, 3/16inx2.1/2in,20RPM G2.5
7-185-226	CAT40 E/M Holder, 3/8inx2.1/2in, 20RPM
7-185-236	CAT40 E/M Holder, 1/2inx2.5/8in, 20RPM G2.5
7-185-250	CAT40 E/M Holder, 3/4inx3.3/4in, 20RPM G2.5
7-185-262	CAT40 E/M Holder, 1inx4in, 20RPM G2.5
7-185-334	CAT40 E/M Holder, 1/2inx1.3/4in, 20RPM G2.5 with 0.00012in. TIR (0.003mm).
7-185-336	CAT40 E/M Holder, 1/2inx2.5/8in, 20RPM G2.5 with 0.00012in. TIR (0.003mm).
7-185-405	CAT40 End Mill Holder, 1/8x2.1/2
7-185-407	CAT40 End Mill Holder, 3/16x2.1/2
7-185-4074	CAT40 End Mill Holder, 3/16x4
7-185-409	CAT40 End Mill Holder, 1/4x2.1/2
7-185-4094	CAT40 End Mill Holder, 1/4x4
7-185-4115	CAT40 End Mill Holder, 5/16x2.1/2
7-185-4117	CAT40 End Mill Holder, 5/16x4
7-185-412	CAT40 End Mill Holder, 3/8x2.1/2
7-185-4122	CAT40 End Mill Holder, 3/8x5
7-185-4123	CAT40 End Mill Holder, 7/16x2.1/2
7-185-4127	CAT40 End Mill Holder, 7/16x4
7-185-413	CAT40 End Mill Holder, 1/2x2.5/8

Item	Description
7-185-417	CAT40 End Mill Holder, 1/2x5
7-185-431	CAT40 End Mill Holder, 5/8x3.3/4
7-185-437	CAT40 End Mill Holder, 5/8x5.1/2
7-185-441	CAT40 End Mill Holder, 3/4x3.3/4
7-185-447	CAT40 End Mill Holder, 3/4x5.1/2
7-185-450	CAT40 End Mill Holder, 7/8x3.1/2
7-185-451	CAT40 End Mill Holder, 7/8x4
7-185-461	CAT40 End Mill Holder, 1x4
7-185-465	CAT40 End Mill Holder, 1x6
7-185-470	CAT40 End Mill Holder, 1.1/4x2
7-185-471	CAT40 End Mill Holder, 1.1/4x4.1/4
7-185-472	CAT40 End Mill Holder, 1.1/4x4.3/8
7-185-475	CAT40 End Mill Holder, 1.1/4x6
7-185-481	CAT40 End Mill Holder, 1.1/2x4.5/8
7-185-485	CAT40 End Mill Holder, 1.1/2x6
7-185-509	CAT50 End Mill Holder, 1/4inx2.1/2in
7-185-5101	CAT50 End Mill Holder, 1/4inx4in
7-185-511	CAT50 End Mill Holder, 3/8inx2.1/2in
7-185-512	CAT50 End Mill Holder, 3/8inx4.1/2in
7-185-513	CAT50 End Mill Holder, 3/8inx6.1/2in
7-185-514	CAT50 End Mill Holder, 3/8inx8in
7-185-516	CAT50 End Mill Holder, 7/16inx2.1/2in
7-185-517	CAT50 End Mill Holder, 7/16inx4.1/2in
7-185-521	CAT50 End Mill Holder, 1/2inx2.5/8in
7-185-522	CAT50 End Mill Holder, 1/2inx4.5/8in
7-185-523	CAT50 End Mill Holder, 1/2inx6.5/8in
7-185-526	CAT50 End Mill Holder, 1/2inx8in
7-185-531	CAT50 End Mill Holder, 5/8inx3.3/4in
7-185-532	CAT50 End Mill Holder, 5/8inx5.3/4in
7-185-533	CAT50 End Mill Holder, 5/8inx7.3/4in
7-185-541	CAT50 End Mill Holder, 3/4inx3.3/4in
7-185-542	CAT50 End Mill Holder, 3/4inx5.3/4in
7-185-543	CAT50 End Mill Holder, 3/4inx7.3/4in
7-185-547	CAT50 End Mill Holder, 3/4inx12in
7-185-551	CAT50 End Mill Holder, 7/8inx3.3/4in
7-185-552	CAT50 End Mill Holder, 7/8inx5.3/4in
7-185-553	CAT50 End Mill Holder, 7/8inx7.3/4in
7-185-561	CAT50 End Mill Holder, 1inx4in
7-185-562	CAT50 End Mill Holder, 1inx6in
7-185-563	CAT50 End Mill Holder, 1inx8in
7-185-567	CAT50 End Mill Holder, 1inx12in
7-185-571	CAT50 End Mill Holder, 1.1/4inx4in
7-185-572	CAT50 End Mill Holder, 1.1/4inx6in
7-185-573	CAT50 End Mill Holder, 1.1/4inx8in
7-185-577	CAT50 End Mill Holder, 1.1/4inx12in
7-185-581	CAT50 End Mill Holder, 1.1/2inx4in
7-185-582	CAT50 End Mill Holder, 1.1/2inx6in
7-185-583	CAT50 End Mill Holder, 1.1/2inx8in
7-185-591	CAT50 End Mill Holder, 2inx5.5/8in
7-185-592	CAT50 End Mill Holder, 2inx7.5/8in
7-185-593	CAT50 End Mill Holder, 2inx9.5/8in

Item	Description
7-185-595	CAT50 End Mill Holder, 2.1/2inx6in
7-185-6430	caterpillar V-Flange End Mill Holder, CT50x5/8in.x2.60in.x 1.81in. with the 5 degree set screw.
7-185-7274	Caterpillar V-Flange End Mill Holder, CT40 x 27mm x 4 inch.
7-186-005	CAT40 Shell End Mill Adapter, 1/2x1.3/8, 15RPM G6.3
7-186-010	CAT40 Shell End Mill Adapter, 3/4x1.3/8, 15RPM G6.3
7-186-015	CAT40 Shell End Mill Adapter, 3/4x4, 15RPM G6.3
7-186-020	CAT40 Shell End Mill Adapter, 1x2.1/16, 15RPM G6.3
7-186-025	CAT40 Shell End Mill Adapter, 1x4, 15RPM G6.3
7-186-030	CAT40 Shell End Mill Adapter, 1.1/4x2.1/8,15RPM G6.3
7-186-035	CAT40 Shell End Mill Adapter, 1.1/4x4, 15RPM G6.3
7-186-040	CAT40 Shell End Mill Adapter, 1.1/2x2.40, 15RPM G6.3
7-186-045	CAT40 Shell End Mill Adapter, 1.1/2x4, 15RPM G6.3
7-186-403	CAT40 Shell End Mill Adapter, 1/2x1.3/8
7-186-405	CAT40 Shell End Mill Adapter, 3/4x1.3/8
7-186-407	CAT40 Shell End Mill Adapter, 1x2.1/16
7-186-407C	CAT 40 Shell End Mill Adapter, 1x2-1/16in., Coolant Thru.
7-186-409	CAT40 Shell End Mill Adapter, 1.1/4x2.1/8
7-186-411	CAT40 Shell End Mill Adapter, 1.1/2x2.40
7-186-503	CAT50 Shell End Mill Adapter, 1/2x1.1/2
7-186-505	CAT50 Shell End Mill Adapter, 1/2x3.1/2
7-186-507	CAT50 Shell End Mill Adapter, 1/2x5.1/2
7-186-509	CAT50 Shell End Mill Adapter, 3/4x1.1/2
7-186-511	CAT50 Shell End Mill Adapter, 3/4x3.1/2
7-186-512	CAT50 Shell End Mill Adapter, 3/4x4.1/2
7-186-513	CAT50 Shell End Mill Adapter, 3/4x5.1/2
7-186-514	CAT50 Shell End Mill Adapter, 3/4x9
7-186-515	CAT50 Shell End Mill Adapter, 1x2
7-186-517	CAT50 Shell End Mill Adapter, 1x4
7-186-519	CAT50 Shell End Mill Adapter, 1x6
7-186-520	CAT50 Shell End Mill Adapter, 1x10
7-186-521	CAT50 Shell End Mill Adapter, 1.1/4x1.1/2
7-186-523	CAT50 Shell End Mill Adapter, 1.1/4x3.1/2
7-186-525	CAT50 Shell End Mill Adapter, 1.1/4x5.1/2
7-186-526	CAT50 Shell End Mill Adapter, 1.1/4x12
7-186-527	CAT50 Shell End Mill Adapter, 1.1/2x2.40
7-186-529	CAT50 Shell End Mill Adapter, 1.1/2x4
7-186-531	CAT50 Shell End Mill Adapter, 1.1/2x6
7-186-532	CAT50 Shell End Mill Adapter, 1.1/2x12
7-186-533	CAT50 Shell End Mill Adapter, 2x2.40
7-186-535	CAT50 Shell End Mill Adapter, 2x4
7-186-537	CAT50 Shell End Mill Adapter, 2x6
7-186-540	CAT50 Shell End Mill Adapter, 2.5x2.40
7-186-540C	CAT 50, Shell End Mill Adapter, 2in.x2.40in., Coolant Thru.
7-186-543	CAT50 Shell End Mill Adapter, 2.5x6
7-186-7222	CAT V-Flange Shell Mill Holder, CT40x22mmx50mm.
7-186-7272	CAT V-Flange Shell Mill Holder CT40x27mmx50mm.
7-186-7274	CAT V-Flange Shell Mill Holder CT40x27mm 4 inch.
7-186-7322	CAT V-Flange Shell Mill Holder CT40x32mmx50mm.
7-186-7402	CAT V-Flange Shell Mill Holder CT40x40mmx60mm.

Item	Description
7-187-433	CAT40 Integral Drill Chuck, 1/32 - 1/2in
7-187-4331	1/2 inch Replacement Drill Chuck for Integral Shank Chucks No. 7-187-433 & -563, 7-174-433 & -563 and 7-048-420 & -520.
7-187-435	CAT40 Integral Drill Chuck, 1/8 - 5/8in
7-187-4351	5/8 inch Replacement Drill Chuck for Integral Shank Chucks No. 7-187-435 & 565, 7-174-435 & 565 and 7-048-430 & 530.
7-187-563	CAT50 Integral Drill Chuck 1/32 - 1/2in
7-187-565	CAT50 Integral Drill Chuck, 1/8 - 5/8in
7-188-003	CAT40 ER11 Collet Chuck, 2.5in Balanced 15000 RPM G6.3
7-188-006	CAT40 ER11 Collet Chuck, 4in Balanced 15000 RPM G6.3
7-188-009	CAT40 ER16 Collet Chuck, 2.5in, Balanced 15000 RPM
7-188-012	CAT40 ER16 Collet Chuck, 3in, Balanced 15000 RPM
7-188-015	CAT40 ER16 Collet Chuck, 4in, Balanced 15000 RPM
7-188-018	CAT40 ER20 Collet Chuck, 2.5in, Balanced 15000 RPM
7-188-021	CAT40 ER20 Collet Chuck, 4in, Balanced 15000 RPM
7-188-024	CAT40 ER25 Collet Chuck, 2.5in, Balanced 15000 RPM
7-188-027	CAT40 ER25 Collet Chuck, 4in, Balanced 15000 RPM
7-188-030	CAT40 ER32 Collet Chuck, 2.5in, Balanced 15000 RPM
7-188-033	CAT40 ER32 Collet Chuck, 3in, Balanced 15000 RPM
7-188-036	CAT40 ER32 Collet Chuck, 4in, Balanced 15000 RPM
7-188-039	CAT40 ER32 Collet Chuck, 5in, Balanced 15000 RPM
7-188-041	CAT40 ER40 Collet Chuck, 2.5in, Balanced 15000 RPM
7-188-044	CAT40 ER40 Collet Chuck, 4in, Balanced 15000 RPM
7-188-047	CAT40 ER40 Collet Chuck, 5in, Balanced 15000 RPM
7-188-109	CAT40 ER16 Collet Chuck, 2.5in, Balanced 20000 RPM G2.5
7-188-115	CAT40 ER16 Collet Chuck, 4in, Balanced 20000 RPM G2.5 with hex nut.
7-188-130	CAT40xER32x30mm Collet Chuck, Super Short, Balanced 25000RPM G2.5.
7-188-133	CAT40 ER32 Collet Chuck, 3in, Balanced 20000 RPM G2.5
7-188-141	CAT40 ER40 Collet Chuck, 2.5in, Balanced 20000 RPM G2.5, T.I.R.=0.00012in (0.003mm)
7-188-144	CAT40 ER40 Collet Chuck, 4in, Balanced 20000 RPM G2.5
7-188-210	CAT50 ER32 Collet Chuck, 4in, Balanced 12000 RPM G6.3
7-188-415	CAT40 ER16 Collet Chuck, 2.5in
7-188-417	CAT40 ER16 Collet Chuck, 3in
7-188-418	CAT40 ER16 Collet Chuck, 4in
7-188-4185	CAT40 ER16 Collet Chuck, 6in
7-188-4190	CAT40 ER16 Collet Chuck, 2.5in, 9 Pc St
7-188-4193	CAT40 ER16 Collet Chuck, 3in, 9 Pc St
7-188-420	CAT40 ER20 Collet Chuck, 2.5in
7-188-422	CAT40 ER20 Collet Chuck, 4in
7-188-424	CAT40 ER25 Collet Chuck, 2.5in
7-188-424D	CAT40 ER25 Collet Chuck, 2.5in with Through Flange Cooling System AD + B.
7-188-426	CAT40 ER25 Collet Chuck, 4.0in
7-188-430	CAT40 ER32 Collet Chuck, 2.5in
7-188-431	CAT40 ER32 Collet Chuck, 3in
7-188-432	CAT40 ER32 Collet Chuck, 4in
7-188-438	CAT40 ER32 Collet Chuck, 3in, 13 Pc St
7-188-439	CAT40 ER32 Collet Chuck, 4in, 13 Pc St
7-188-440	CAT40 ER40 Collet Chuck, 4in

Item	Description
7-188-443	CAT40 ER40 Collet Chuck, 2.5in
7-188-446	CAT40 ER40 Collet Chuck, 6in
7-188-449	CAT40 ER40 Collet Chuck, 4in, 17 Pc St
7-188-510	CAT50 ER16 Collet Chuck, 6in
7-188-520	CAT50 ER20 Collet Chuck, 4in
7-188-525	CAT50 ER25 Collet Chuck, 6in
7-188-532	CAT50 ER32 Collet Chuck, 6in
7-188-543	CAT50 ER40 Collet Chuck, 2.5in
7-188-545	CAT50 ER40 Collet Chuck, 4in
7-188-549	CAT50 ER40 Collet Chuck, 4in, 17 Pc St
7-188-7324	CAT40 ER32 Collet Chuck, Balanceable, 20,000 RPM, G2.5.
7-191-410	CAT40 Stub Arbor Holder, 1x7.1/2
7-191-415	CAT40 Stub Arbor Holder, 1.1/4x7.3/4
7-191-420	CAT40 Stub Arbor Holder, 1.1/2x8
7-191-510	CAT50 Stub Arbor Holder, 1x7.1/2
7-191-515	CAT50 Stub Arbor Holder, 1x9.1/2
7-191-520	CAT50 Stub Arbor Holder, 1.1/4x7.3/4
7-191-525	CAT50 Stub Arbor Holder, 1.1/4x9.3/4
7-191-530	CAT50 Stub Arbor Holder, 1.1/2x8
7-191-535	CAT50 Stub Arbor Holder, 1.1/2x10
7-192-405	CAT40 Slitting Saw Holder, 5/8x4in
7-192-410	CAT40 Slitting Saw Holder, 1x4in
7-192-415	CAT40 Slitting Saw Holder, 1.1/4x4in
7-192-510	CAT50 Slitting Saw Holder, 1x4in
7-192-515	CAT50 Slitting Saw Holder, 1x6in
7-192-520	CAT50 Slitting Saw Holder, 1.1/4x4in
7-192-525	CAT50 Slitting Saw Holder, 1.1/4x6in
7-193-015	CAT40 DA180 Collet Chuck, 2.75in, Balanced 15000RPM
7-193-024	CAT40 DA180 Collet Chuck, 4in, Balanced 15000RPM
7-193-150	CAT40 DA200 Collet Chuck, 3in
7-193-250	CAT40 DA200 Collet Chuck, 3.5in with mini hex nut
7-193-415	CAT40 DA180 Collet Chuck, 2.75in
7-193-424	CAT40 DA180 Collet Chuck, 4in
7-193-524	CAT50 DA180 Collet Chuck, 4in
7-193-526	CAT50 DA180 Collet Chuck, 6in
7-193-528	CAT50 DA180 Collet Chuck, 8in
7-304-6401	HSK DIN 69893 Form A, Stub TG Collet Chuck, 63AxTG100x3-3/4inch with collant tube.
7-304-6405	Collet Chuck TG100x5-1/2in. with HSK63A Shank, DIN 69893, Form A.
7-305-6165	HSK Din69893 Form A Er Collet Chucks 63AxEr16x3in
7-305-6321	HSK DIN 69893 Form A, Stub ER Collet Chuck, 63AxER32x3in with coolant tube.
7-305-6324	HSK 63A DIN69893 Form A ER Collet Chucks 63AxER32x4in
7-305-6401	HSK DIN 69893 Form A, Stub ER Collet Chuck, 63AxER40x80mm with coolant tube.
7-305-6402	HSK DIN 69893 Form A, ER Collet Chuck 63AxER40x 5inch with coolant tube.

Item	Description
7-306-6030	HSK Din69893 Form A End Mill Holders 63Ax1/2x4in
7-306-6035	HSK Din69893 Form A End Mill Holders 63Ax5/8x4in
7-306-6040	HSK Din69893 Form A End Mill Holders 63Ax3/4x4in
7-306-6050	HSK DIN69893 Form A, End Mill Holder 1inx4.5in
7-306-6054	HSK63A DIN69893, Form A, End Mill Holder 1-1/4inx4.5in, Depth of the end mill hole = 2.56in.
7-307-6010	HSK Din69893 Form A Shell Mill Holder 63Ax1/2x3in
7-309-6001	HSK 63A Jacobs Taper Holder JT1x1.75in
7-309-6006	HSK DIN 69893 Form A jacobs Taper Holder 63AxJ6x1.75in
7-309-6035	HSK DIN 69893 Form A Jacobs Taper Holder 63AxJ33x1.75in
7-311-6005	HSK Din69893 Form A Integral Sh. Drill Chuck 63Ax1/2x5.85
7-320-005	Precision Milling Chuck, Heavy Duty, CT40x3/4in 3.5in, TIR 0.0002in
7-320-008	Precision Milling Chuck, Heavy Duty, CT40x1inx4in, TIR 0.0002in
7-320-108	Precision Milling Chuck, Heavy Duty, CT50x1inx3.75in TIR 0.0002in
7-321-005	Precision Milling Chuck, Heavy Duty, BT40x3/4inx3.5in, TIR 0.0002in
7-321-008	Precision Milling Chuck, Heavy Duty, BT40x1inx3.5in, TIR 0.0002in
7-980-100	Annular Cutter, Holders Straight 3-Flat Shank, 1/2x3/4x2.1/8in
7-980-200	Annular Cutter, Holders Straight 3-Flat Shank, 3/4x3/4x2in
7-980-206	Annular Cutter, Holders Straight 3-Flat Shank, 3/4x3/4x6in
7-980-212	Annular Cutter, Holders Straight 3-Flat Shank, 3/4x3/4x12in
7-980-606	Annular Cutter, Holders Straight 3-Flat Shank, 3/4x1.1/4x6in
7-980-612	Annular Cutter, Holders Straight 3-Flat Shank, 3/4x1.1/4x12in
7-981-300	Annular Cutter, Holders Morse Taper Shank, MT2x3/4x2in
7-981-306	Annular Cutter, Holders Morse Taper Shank, MT2x3/4x6in
7-981-312	Annular Cutter, Holders Morse Taper Shank, MT2x3/4x12in
7-981-400	Annular Cutter, Holders Morse Taper Shank, MT3x3/4x2in
7-981-406	Annular Cutter, Holders Morse Taper Shank, MT3x3/4x6in
7-981-412	Annular Cutter, Holders Morse Taper Shank, MT3x3/4x12in
7-981-800	Annular Cutter, Holders Morse Taper Shank, MT3x1.1/4x2.3/4in.
7-981-806	Annular Cutter, Holders Morse Taper Shank, MT3x1.1/4x6in
7-981-812	Annular Cutter, Holders Morse Taper Shank, MT3x1.1/4x12in
7-982-500	Annular Cutter, Holders R8 Shank, R8x3/4x1.3/4in
7-982-506	Annular Cutter, Holders R8 Shank, R8x3/4x6in
7-983-906	Annular Cutter, Holders Straight 2-Flat Shank, 3/4x3/4x6in
7-983-912	Annular Cutter, Holders Straight 2-Flat Shank, 3/4x3/4x12in
7-985-002	Bridge Reamer Holders Square Or #5 Spline Drive, 3/4 Sq.x MT3x6in
7-985-005	Bridge Reamer Holders Square Or #5 Spline Drive, 1in Sq.x MT3x6.1/4in