

# HIGH SPEED STEEL MORSE TAPER EXTENSION SOCKETS

ICS USA

ADAPTERS

GROUND FINISH



INSIDE HOLE

HARDENED TANG ONLY  
(Ground Externally)



OUTSIDE TAPER



HARDENED THROUGHOUT  
(Ground Externally & Internally)

Morse Taper Extension Sockets are designed to adapt morse taper shank tools to larger or smaller morse taper holders. They can also be used to extend the length of taper shank tools. The concentricity between external and internal tapers is within .002". This tool is also referred to as a Fitted Socket.

SIZE	INSIDE HOLE TAPER	OUTSIDE TAPER SHANK	OVERALL LENGTH	HIGH SPEED STEEL	
				HARD TANG	HARD/GROUND
				MTES	MTESH
1 TO 2	1	2	6-3/4	29.14	39.98
1 TO 3	1	3	7-1/2	35.42	58.80
1 TO 4	1	4	8-3/4	42.46	58.80
1 TO 5	1	5	10	66.70	58.80
2 TO 1	2	1	6-1/4	33.88	39.98
2 TO 2	2	2	7-1/2	33.88	39.98
2 TO 3	2	3	8	33.88	47.04
2 TO 4	2	4	9-1/4	44.58	58.80
2 TO 5	2	5	10-3/4	61.74	101.86
3 TO 2	3	2	8-1/4	42.10	58.80
3 TO 3	3	3	9	42.10	58.80
3 TO 4	3	4	10	42.10	58.80

SIZE	INSIDE HOLE TAPER	OUTSIDE TAPER SHANK	OVERALL LENGTH	HIGH SPEED STEEL	
				HARD TANG	HARD/GROUND
				MTES	MTESH
3 TO 5	3	5	11-1/2	65.98	101.86
4 TO 2	4	2	8-1/2	64.58	70.56
4 TO 3	4	3	10-5/8	64.58	94.08
4 TO 4	4	4	11-5/8	64.58	94.08
4 TO 5	4	5	12-1/2	80.68	164.64
4 TO 6	4	6	14	184.04	235.20
5 TO 3	5	3	10-1/2	144.24	164.64
5 TO 4	5	4	13-1/8	144.24	164.64
5 TO 5	5	5	14-1/2	151.02	169.34
5 TO 6	5	6	16	184.04	275.18
6 TO 5	6	5	16	352.80	411.60

# HIGH SPEED STEEL MORSE TAPER SLEEVES

ICS USA

ADAPTERS

GROUND FINISH



INSIDE HOLE

HARDENED TANG ONLY  
(Ground Externally)



OUTSIDE TAPER



HARDENED THROUGHOUT  
(Ground Externally & Internally)

Morse Taper Sleeves are designed to adapt morse taper shank tools to larger morse taper holders. The concentricity between external and internal tapers is within .001". They are sometimes referred to as Shell Sockets, Reduction Sleeves, Drill Sleeves or Drill Sockets.

SIZE	INSIDE HOLE TAPER	OUTSIDE TAPER SHANK	OVERALL LENGTH	HIGH SPEED STEEL	
				HARD TANG	HARD/GROUND
				MTS	MTSH
1 TO 2	1	2	3-5/8	15.06	24.60
1 TO 3	1	3	3-7/8	17.06	32.32
1 TO 4	1	4	4-7/8	26.46	52.00
1 TO 5	1	5	6-1/8	47.04	79.38
2 TO 3	2	3	4-3/8	17.06	32.34
2 TO 4	2	4	5	22.94	55.86

SIZE	INSIDE HOLE TAPER	OUTSIDE TAPER SHANK	OVERALL LENGTH	HIGH SPEED STEEL	
				HARD TANG	HARD/GROUND
				MTS	MTSH
2 TO 5	2	5	6-1/8	47.04	79.38
3 TO 4	3	4	5-1/2	26.72	56.00
3 TO 5	3	5	6-1/8	47.04	79.38
4 TO 5	4	5	6-3/4	60.56	79.38
4 TO 6	4	6	8-5/8	115.84	211.68
5 TO 6	5	6	8-5/8	125.84	211.68