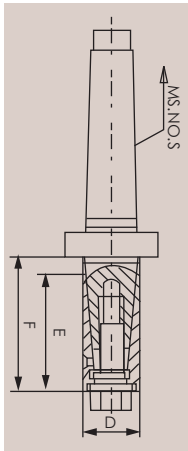


Morse Tapper Expandign Mandrels



Stock No.	Model #	Tapper	Diameter D(mm)	Sleeve Length (mm)	Overall Gripping	Sleeves	Extensibility
1217-0001	NO.00	MT2	14.7-18.7	35	41.5	5	1
1217-0002	NO.00	MT3	14.7-18.7	35	41.5	5	1
1217-0003	NO.00	MT4	14.7-18.7	35	41.5	5	1
1217-0101	NO.01	MT2	19.7-23.7	40	46.5	5	1
1217-0102	NO.01	MT3	19.7-23.7	40	46.5	5	1
1217-0103	NO.01	MT4	19.7-23.7	40	46.5	5	1
1217-0201	NO.02	MT2	24.7-28.7	46	52.5	5	1
1217-0202	NO.02	MT3	24.7-28.7	46	52.5	5	1
1217-0203	NO.02	MT4	24.7-28.7	46	52.5	5	1
1217-0204	NO.02	MT5	24.7-28.7	46	52.5	5	1
1217-0301	NO.03	MT3	29.7-33.7	50	56.5	5	1
1217-0302	NO.03	MT4	29.7-33.7	50	56.5	5	1
1217-0303	NO.03	MT5	29.7-33.7	50	56.5	5	1
1217-0401	NO.04	MT3	34.7-38.7	60	66.5	5	1
1217-0402	NO.04	MT4	34.7-38.7	60	66.5	5	1
1217-0403	NO.04	MT5	34.7-38.7	60	66.5	5	1
1217-0501	NO.05	MT3	39.7-43.7	60	66.5	5	1
1217-0502	NO.05	MT4	39.7-43.7	60	66.5	5	1
1217-0503	NO.05	MT5	39.7-43.7	60	66.5	5	1
1217-0601	NO.06	MT3	44.7-52.7	80	92	5	2
1217-0602	NO.06	MT4	44.7-52.7	80	92	5	2
1217-0603	NO.06	MT5	44.7-52.7	80	92	5	2
1217-0701	NO.07	MT3	54.7-62.7	90	102	5	2
1217-0702	NO.07	MT4	54.7-62.7	90	102	5	2
1217-0703	NO.07	MT5	54.7-62.7	90	102	5	2
1217-0801	NO.08	MT4	64.7-80.7	100	112	9	2
1217-0802	NO.08	MT5	64.7-80.7	100	112	9	2
1217-0901	NO.09	MT4	81.7-99.7	122	134	10	2
1217-0902	NO.09	MT5	81.7-99.7	122	134	10	2
1217-1001	NO.10	MT5	100.7-118.7	140	152	10	2
1217-1101	NO.11	MT5	119.7-139.7	180	192	11	2

HITECH (Qingdao)
ENTERPRISES INC