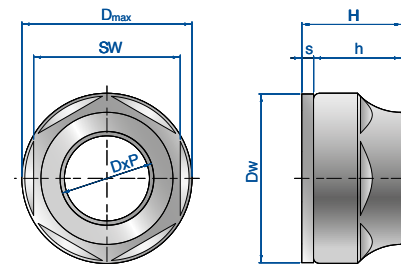




# HEICO-TEC® REACTION NUT PRODUCT OVERVIEW (INCH SIZES)



## GRADE CH

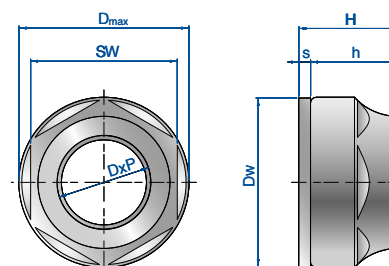
designation	nut body						washer		reaction nut		preload	
	thread Ø [in]	P <sub>1</sub>	P <sub>2</sub>	P <sub>3</sub>	outer-Ø D <sub>max</sub> in	height h in	outer-Ø D <sub>w</sub> in	thickness s in	total height H in	socket size SW mm	nominal* F <sub>Vnom</sub> lbs	maximum** F <sub>Vmax</sub> lbs
HTR-1"-.../CH	1"	14UN	12UN	8UN	1,97	0,94	1,93	0,16	1,10	41	46'100	59'600
HTR-1 1/8"-.../CH	1 1/8"	12UN	8UN	7UN	2,20	1,10	2,17	0,16	1,26	46	56'200	75'300
HTR-1 1/4"-.../CH	1 1/4"	12UN	8UN	7UN	2,32	1,10	2,28	0,16	1,26	50	70'800	95'500
HTR-1 3/8"-.../CH	1 3/8"	12UN	8UN	6UN	2,72	1,38	2,68	0,20	1,58	50	85'400	114'600
HTR-1 1/2"-.../CH	1 1/2"	12UN	8UN	6UN	2,83	1,38	2,76	0,20	1,58	55	103'400	139'300
HTR-1 5/8"-.../CH	1 5/8"	12UN	8UN	6UN	2,95	1,38	2,91	0,20	1,58	60	123'600	164'000
HTR-1 3/4"-.../CH	1 3/4"	12UN	8UN	5UN	3,31	1,65	3,27	0,24	1,89	65	138'200	187'600
HTR-1 7/8"-.../CH	1 7/8"	12UN	8UN	6UN	3,46	1,65	3,39	0,24	1,89	70	162'900	219'100
HTR-2"-.../CH	2"	12UN	8UN	4,5UN	3,58	1,65	3,50	0,24	1,89	75	182'000	247'200
HTR-2 1/4"-.../CH	2 1/4"	12UN	8UN	4,5UN	4,17	2,05	4,13	0,31	2,36	90	242'700	321'300
HTR-2 1/2"-.../CH	2 1/2"	12UN	8UN	4UN	4,33	2,05	4,29	0,31	2,36	95	277'500	373'000
HTR-2 3/4"-.../CH	2 3/4"	8UN	6UN	4UN	4,88	2,52	4,84	0,31	2,83	105	332'600	442'700
HTR-3"-.../CH	3"	8UN	6UN	4UN	5,04	2,52	5,00	0,31	2,83	110	398'900	534'800
HTR-3 1/4"-.../CH	3 1/4"	8UN	6UN	4UN	5,39	2,99	5,35	0,31	3,30	115	479'800	636'000
HTR-3 1/2"-.../CH	3 1/2"	8UN	6UN	4UN	5,87	3,46	5,83	0,39	3,85	125	561'800	746'100
HTR-3 3/4"-.../CH	3 3/4"	8UN	6UN	4UN	6,06	3,46	6,02	0,39	3,85	130	647'200	864'000
HTR-4"-.../CH	4"	8UN	6UN	4UN	6,69	3,94	6,65	0,39	4,33	135	744'900	991'000
HTR-4 1/4"-.../CH	4 1/4"	8UN	6UN	4UN	6,89	3,94	6,85	0,39	4,33	150	844'900	1'128'100
HTR-4 1/2"-.../CH	4 1/2"	8UN	6UN	4UN	7,32	4,41	7,28	0,39	4,80	165	957'300	1'271'900
HTR-4 3/4"-.../CH	4 3/4"	8UN	6UN	4UN	7,83	4,41	7,80	0,47	4,88	170	1'070'800	1'425'800
HTR-5"-.../CH	5"	8UN	6UN	4UN	8,07	4,41	8,19	0,47	4,88	180	1'189'900	1'587'600

The final type number is generated by substituting the "... by the respective thread pitch

\* approx. 75% of max. preload

\*\* approx. 90% of elastic limit of a bolt per ASTM A354 grade BC

# HEICO-TEC® REACTION NUT PRODUCT OVERVIEW (INCH SIZES)



## GRADE DH

designation	nut body						washer		reaction nut		preload	
	thread Ø [in]	P <sub>1</sub>	P <sub>2</sub>	P <sub>3</sub>	outer-Ø D <sub>max</sub> in	height h in	outer-Ø D <sub>w</sub> in	thickness s in	total height H in	socket size SW mm	nominal* F <sub>Vnom</sub> lbs	maximum** F <sub>Vmax</sub> lbs
HTR-1"-.../DH	1"	14UN	12UN	8UN	1,97	0,94	1,93	0,16	1,10	41	60'700	79'800
HTR-1 1/8"-.../DH	1 1/8"	12UN	8UN	7UN	2,20	1,10	2,17	0,16	1,26	46	74'200	100'000
HTR-1 1/4"-.../DH	1 1/4"	12UN	8UN	7UN	2,60	1,30	2,56	0,20	1,50	50	96'600	127'000
HTR-1 3/8"-.../DH	1 3/8"	12UN	8UN	6UN	2,72	1,38	2,68	0,20	1,58	55	113'500	151'700
HTR-1 1/2"-.../DH	1 1/2"	12UN	8UN	6UN	2,83	1,38	2,80	0,20	1,58	60	139'300	184'300
HTR-1 5/8"-.../DH	1 5/8"	12UN	8UN	6UN	3,19	1,57	3,15	0,24	1,81	65	164'000	220'200
HTR-1 3/4"-.../DH	1 3/4"	12UN	8UN	5UN	3,31	1,65	3,27	0,24	1,89	70	186'500	249'400
HTR-1 7/8"-.../DH	1 7/8"	12UN	8UN	6UN	3,46	1,65	3,39	0,24	1,89	70	218'000	291'000
HTR-2"-.../DH	2"	12UN	8UN	4,5UN	3,86	1,97	3,82	0,31	2,28	80	247'200	328'100
HTR-2 1/4"-.../DH	2 1/4"	12UN	8UN	4,5UN	4,17	2,05	4,13	0,31	2,36	95	321'300	425'800
HTR-2 1/2"-.../DH	2 1/2"	12UN	8UN	4UN	4,57	2,36	4,57	0,31	2,67	100	391'000	523'600
HTR-2 3/4"-.../DH	2 3/4"	8UN	6UN	4UN	5,16	2,52	5,12	0,39	2,91	110	427'000	570'800
HTR-3"-.../DH	3"	8UN	6UN	4UN	5,43	2,83	5,28	0,39	3,22	115	515'700	689'900
HTR-3 1/4"-.../DH	3 1/4"	8UN	6UN	4UN	5,91	3,31	5,91	0,39	3,70	125	615'700	821'300
HTR-3 1/2"-.../DH	3 1/2"	8UN	6UN	4UN	6,30	3,31	6,18	0,39	3,70	130	722'500	962'900
HTR-3 3/4"-.../DH	3 3/4"	8UN	6UN	4UN	6,81	3,70	6,77	0,47	4,17	135	838'200	1'115'700
HTR-4"-.../DH	4"	8UN	6UN	4UN	7,09	3,94	7,05	0,47	4,41	140	961'800	1'279'800

The final type number is generated by substituting the "... by the respective thread pitch

\* approx. 75% of max. preload

\*\* approx. elastic limit of a bolt per ASTM A354 grade BD