

Steel Pipe Couplings

 FIGURE 349 Water Well Reamed & Drifted Couplings	Size		Outside Diameter (Coupling)		Length		Unit Weight	
	NPS	DN	in	mm	in	mm	lbs	kg
		1¼	32	1.900	48	2¾	70	0.60
	1½	40	2.200	56	2¾	70	0.84	0.38
	2	50	2.750	70	3⅞	86	1.58	0.72
	2½	65	3.250	83	3 ¹⁵ / ₁₆	100	2.32	1.05
	3	80	4.000	102	4 ¹ / ₁₆	103	3.80	1.72
	3½	90	4.625	117	4 ³ / ₁₆	106	5.53	2.51
	4	100	5.200	132	4 ⁵ / ₁₆	110	7.14	3.24
	5	125	6.296	160	4½	114	9.57	4.34
	6	150	7.390	188	4 ¹¹ / ₁₆	119	12.32	5.59
	8	200	9.625	244	5 ¹ / ₁₆	129	22.35	10.14
	10	250	11.750	298	5 ⁵ / ₁₆	141	30.60	13.88
	12	300	14.000	356	5 ¹⁵ / ₁₆	151	48.00	21.77

- Manufactured in accordance with ASTM specification A589.
- All sizes are recessed and taper tapped ¾" per foot on diameter.
- Sizes over 2" have threads phosphated and outside painted light blue. The electroplated have a light blue band around the center of the coupling.

 FIGURE 350 #9 Drive Couplings	Size		Outside Diameter (Coupling)		Length		Unit Weight	
	NPS	DN	in	mm	in	mm	lbs	kg
		1¼	32	2.054	52	2¾	70	1.00
	1½	40	2.200	56	2¾	70	0.84	0.38
	2	50	2.875	73	3⅞	86	2.14	0.97

- All sizes are recessed and taper tapped ¾" per foot on diameter.

 FIGURE 379 Shallow Well Couplings	Size		Outside Diameter (Coupling)		Length		Unit Weight	
	NPS	DN	in	mm	in	mm	lbs	kg
		1¼	32	2.054	52	2¾	70	1.03
	1½	40	2.200	56	2¾	70	0.90	0.41
	2	50	2.875	73	2⅞	73	1.86	0.84

- The 1¼" are straight rapped and recessed.
- The 1½" and 2" are taper tapped ¾" per foot on diameter and recessed.
- The 2" threads are electroplated.

PROJECT INFORMATION		APPROVAL STAMP	
Project:		<input type="checkbox"/> Approved	
Address:		<input type="checkbox"/> Approved as noted	
Contractor:		<input type="checkbox"/> Not approved	
Engineer:		Remarks:	
Submittal Date:			
Notes 1:			
Notes 2:			

General Assembly of Threaded Fittings

- 1) Inspect both male and female components prior to assembly.
 - Threads should be free from mechanical damage, dirt, chips and excess cutting oil.
 - Clean or replace components as necessary.
- 2) Application of thread sealant
 - Use a thread sealant that is fast drying, sets-up to a semi hard condition and is vibration resistant. Alternately, an anaerobic sealant may be utilized.
 - Thoroughly mix the thread sealant prior to application.
 - Apply a thick even coat to the male threads only. Best application is achieved with a brush stiff enough to force sealant down to the root of the threads.
- 3) Joint Makeup
 - For sizes up to and including 2" pipe, wrench tight makeup is considered three full turns past handtight. Handtight engagement for 1/2" through 2" thread varies from 4 1/2 turns to 5 turns.
 - For 2 1/2" through 4" sizes, wrench tight makeup is considered two full turns past handtight. Handtight engagement for 2 1/2" through 4" thread varies from 5 1/2 turns to 6 3/4 turns.